

Table 1
Key data - the market for electronic communications

	1st half-year 2009	1st half-year 2008	Change
Fixed call services			
Subscriptions for fixed telephony (thousands)	5 244	5 397	-3%
of which via WLR (thousands)	972	1 009	-4%
Private	784	843	-7%
Business	189	166	14%
of which via IP-telephony (thousands)	865	656	32%
Private	805	613	31%
Business	59	44	36%
Pre-selection customers (thousands)	317	433	-27%
Private	189	277	-32%
Business	128	156	-18%
Mobile call services and mobile data			
Mobile subscriptions (thousands)	11 250	10 421	8%
Private	8 833	8 224	7%
Business	2 417	2 197	10%
of which active UMTS subscriptions	4 155	2 825	47%
of which subscriptions for only mobile packet data	1 090	604	81%
Number of SMS sent (millions)	6 778	4 581	48%
Number of MMS sent (millions)	67	64	4%
Traffic for mobile data services (Tbyte)	11 664	4 729	147%
Internet services			
Internet subscriptions (thousands)	4 419	4 030	10%
Dial-up subscriptions	411	607	-32%
Broadband subscriptions	2 918	2 818	4%
Mobile broadband subscriptions	1 090	604	81%

Source: Swedish Post and Telecom Agency, 18 November 2009.

Tabell 1
Nyckeldata - marknaden för elektronisk kommunikation

	1:a halvåret 2009	1:a halvåret 2008	Förändring
Fasta samtalstjänster			
Abonnemang för fast telefoni (tusen)	5 244	5 397	-3%
varav abonnemang via GTA (tusen)	972	1 009	-4%
Privat	784	843	-7%
Företag	189	166	14%
varav abonnemang för IP-baserad telefoni (tusen)	865	656	32%
Privat	805	613	31%
Företag	59	44	36%
Förvalskunder (tusen)	317	433	-27%
Privat	189	277	-32%
Företag	128	156	-18%
Mobila samtals- och datatjänster			
Mobilabonnemang (tusen)	11 250	10 421	8%
Privat	8 833	8 224	7%
Företag	2 417	2 197	10%
varav aktiva UMTS-abonnemang	4 155	2 825	47%
varav abonnemang för enbart mobil paketdata	1 090	604	81%
Antal skickade SMS (miljoner)	6 778	4 581	48%
Antal skickade MMS (miljoner)	67	64	4%
Trafik för mobila datatjänster (Tbyte)	11 664	4 729	147%
Internettjänster			
Internetabonnemang (tusen)	4 419	4 030	10%
Abonnemang till uppringd anslutning	411	607	-32%
Abonnemang till fast bredbandsanslutning	2 918	2 818	4%
Abonnemang till mobil bredbandsanslutning	1 090	604	81%

Källa: Kommunikationsmyndigheten PTS, 18 november 2009

Table 3
Electronic communications - traffic from end-user (millions of minutes)

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Total number of traffic minutes	21 184	43 465	22 208	44 599	22 468	45 944	23 776	49 663	25 094	51 984	27 017	53 473	27 648	55 657	28 774	60 385	30 100	58 762
Fixed call services (excl. dial-up access)	11 206	24 497	12 718	26 625	13 545	28 632	15 139	31 722	15 986	32 648	16 908	33 512	17 347	34 834	17 982	36 654	18 484	37 311
Dial-up access to the Internet	258	891	651	2 323	1 413	4 645	2 743	7 995	4 413	11 712	6 537	13 222	7 055	14 541	7 718	18 202	8 921	16 430
Mobile call services	9 635	18 078	8 829	15 631	7 500	12 642	5 887	9 924	4 684	7 619	3 572	6 739	3 245	6 283	3 074	5 529	2 694	5 021
Annual growth [1] - total	-5%	-2%	-1%	-3%	-6%	-7%	-5%	-4%	-7%	-3%	-2%	-4%	-4%	-8%	-4%	3%	4%	
Annual growth - fixed call services (excl. dial-up access)	-12%	-8%	-6%	-7%	-11%	-10%	-5%	-3%	-5%	-3%	-3%	-4%	-4%	-5%	-3%	-2%	-2%	
Annual growth - dial-up access to the Internet	-60%	-62%	-54%	-50%	-48%	-42%	-38%	-32%	-32%	-11%	-7%	-9%	-9%	-20%	-13%	11%	13%	
Annual growth - mobile call services	9%	16%	18%	24%	27%	27%	26%	30%	31%	13%	10%	7%	6%	14%	14%	10%	17%	
Proportion mobile traffic of total traffic (incl. dial-up access)	45.7%	41.6%	39.8%	35.1%	33.4%	27.5%	24.8%	20.0%	18.7%	14.7%	13.2%	12.6%	11.7%	11.3%	10.7%	9.2%	9.0%	8.5%
Proportion mobile traffic of total traffic	46.2%	42.5%	41.0%	37.0%	35.6%	30.6%	28.0%	23.8%	22.7%	18.9%	17.4%	16.7%	15.8%	15.3%	14.6%	13.1%	12.7%	11.9%

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The annual growth relates to a comparison between the current period and the corresponding period in the previous year.

Table 4
Fixed call services - number of fixed telephony subscriptions and end-users (thousands) [1]
(PSTN, ISDN and IP-based telephony)

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Subscriptions for fixed telephony - via PSTN [2]	4 256	4 455	4 601	4 737	4 867	4 982	5 157	5 233	5 360	5 397	5 452	5 494	5 510	5 581	5 606	5 665	5 723	5 783
Private	3 145	3 331	3 482	3 611	3 742	3 860	4 041	4 047	4 105	4 350	4 448	4 433	4 387	4 379	4 408	4 427	4 475	4 515
Business	1 112	1 124	1 118	1 126	1 125	1 122	1 117	1 185	1 254	1 047	1 004	1 061	1 123	1 202	1 198	1 238	1 248	1 268
Subscriptions for fixed telephony - via ISDN [3]	123	133	141	146	149	160	169	183	199	210	236	247	258	268	279	289	283	273
Private	2	2	3	4	4	5	6	10	30	35	36	41	44	52	57	63	62	52
Business	121	130	137	142	145	155	163	173	169	175	200	206	214	216	222	226	221	221
Subscriptions for fixed telephony - via IP [4]	865	758	656	623	502	410	314	219	129	81	56	38	20	1				
Private	805	705	613	588	478	392	302	213	123	79	55	38	20	1				
Business	59	53	44	34	24	17	11	8	6	2	1	1	0	0				
via xDSL access	270	209	179	156	123	100	89	55	38	15	7	1						
via cable television access	342	322	295	295	227	180	124	77	17	2								
via LAN network access [5]	190	166	135	132	123	111	81	74	66	57	49	37	20	1				
via other form of access	63	61	47	39	29	19	20	14	8	7	0	0	0					
Subscriptions for fixed telephony - total	5 244	5 346	5 397	5 506	5 518	5 551	5 640	5 635	5 687	5 688	5 744	5 780	5 789	5 849	5 886	5 954	6 006	6 056
Private	3 952	4 038	4 098	4 203	4 224	4 258	4 349	4 271	4 258	4 465	4 539	4 512	4 451	4 431	4 465	4 490	4 537	4 567
Business	1 291	1 308	1 299	1 303	1 294	1 293	1 291	1 366	1 429	1 223	1 205	1 268	1 338	1 418	1 420	1 464	1 469	1 489
of which via WLR [6]	972	1 004	1 009	1 023	1 015	1 011	972	854	645									
Private	784	820	843	873	883	899	908	810	599									
Business	189	184	166	150	132	112	65	44	46									
of which active pre-selection customers [7]	317	337	433	513	642	850	929	1 048	1 369	1 990	2 000	2 101	2 021	1 946	1 732	1 558	1 328	1 135
Private	189	207	277	337	435	608	703	838	1 166	1 798	1 811	1 919	1 842	1 772	1 559	1 396	1 172	983
Business	128	130	156	176	207	243	225	210	203	191	189	182	179	174	173	162	156	152

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The distribution between private and business has been revised by TeliaSonera for 2005, whereby comparability with previous periods has been restricted.

[2] A PSTN subscription is equivalent to a main line to own end-user where subscriptions for analogue telephony are supplied. The operator that has customers with subscriptions usually owns the main line or leases the main line from a network operator (for example by full or shared access) or buys Wholesale Line Rental (WLR). An indirectly connected customer, i.e. pre-selection customer or prefix customer, is not included here.

[3] An ISDN subscription is equivalent to a main line to own end-user comprising either basic rate or primary rate ISDN. The operator that has customers with subscriptions usually owns the main line or leases the main line from a network operator or buys Wholesale Line Rental (WLR). An indirectly connected customer, i.e. pre-selection customer or prefix customer, is not included here.

[4] This relates to the form of IP-based telephony where an ordinary telephone is linked to a broadband connection via, for example, a terminal adapter. Alternatively, an IP telephone or the corresponding is used, which is linked directly to a broadband connection. PBXs that are connected via IP protocol should also be included. A telephone call that is made by a subscriber for IP telephony should be able to reach, and be reached by, telephones connected to the PSTN and ISDN networks.

[5] LAN network means a fixed connection which is reached via a LAN (local network, property network) usually based on Ethernet technology. The LAN is linked to a public fibre network, for example an area network. The LAN (which may comprise optic fibre cable or copper-based cable) links the individual dwellings/operations with a centrally located data switch in the premises, which in its turn is connected with the routers available in the area and backbone networks.

[6] Wholesale Line Rental. Refers to distribution under agreements concluded with TeliaSonera both prior to and after 18 May 2005.

[7] Relates to active pre-selection customers where the customer is indirectly connected. Active means that the customer has made at least one call during the quarter preceding the measurement period in question. Note that if a customer has different pre-selections for national calls and international calls, this only corresponds to one customer. Corresponds to the English term 'Carrier PreSelect' (CPS). Relates to pre-selection for both PSTN and ISDN.

Table 5
Fixed call services - number of outgoing traffic minutes (millions) from end-user [1]
(PSTN, ISDN and IP-based telephony)

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Number of outgoing traffic minutes for fixed call services - private [2]	7 059	16 192	8 751	19 374	10 308	23 255	12 682	28 091	14 552	31 185	16 091	32 293	16 467	34 054	17 519	36 947	18 630	36 399
National calls from fixed networks to fixed networks	6 046	13 953	7 582	17 070	9 127	20 859	11 444	25 650	13 394	28 629	14 888	30 026	15 399	31 864	16 445	34 933	17 692	34 714
of which telephone calls	5 820	13 338	7 074	15 250	7 971	17 027	9 129	18 958	9 761	19 134	9 843	19 391	9 817	20 429	10 479	20 996	10 555	21 301
of which dial-up access to the Internet [3]	226	615	508	1 820	1 156	3 832	2 315	6 692	3 632	9 494	5 045	10 635	5 582	11 435	5 966	13 937	7 137	13 412
Calls from fixed networks to mobile networks	727	1 626	823	1 663	867	1 797	923	1 824	862	1 935	896	1 691	795	1 656	801	1 477	675	1 180
International calls	286	613	347	641	313	599	314	616	297	621	307	576	273	533	272	537	264	504
Number of outgoing traffic minutes for fixed call services - business [2]	4 405	9 195	4 617	9 574	4 651	10 022	5 201	11 626	5 847	13 175	7 359	14 441	7 936	15 321	8 181	17 909	8 775	17 342
National calls from fixed networks to fixed networks	3 048	6 451	3 233	6 969	3 444	7 624	4 011	9 192	4 639	10 821	6 190	12 135	6 681	13 094	7 080	15 709	7 689	15 403
of which telephone calls	3 016	6 175	3 091	6 465	3 187	6 811	3 582	7 890	3 859	8 602	4 698	9 548	5 208	9 988	5 328	11 443	5 904	12 385
of which dial-up access to the Internet [3]	32	276	143	504	257	813	428	1 303	781	2 218	1 492	2 587	1 473	3 105	1 752	4 265	1 785	3 018
Calls from fixed networks to mobile networks	1 152	2 233	1 147	2 163	994	1 932	956	1 883	937	1 793	906	1 720	927	1 604	796	1 601	789	1 353
International calls	205	512	237	442	213	467	235	551	271	562	263	586	328	623	305	600	297	587
Total number of outgoing traffic minutes for fixed call services [2]	11 464	25 387	13 369	28 948	14 958	33 277	17 882	39 717	20 399	44 360	23 445	46 734	24 402	49 374	25 700	54 856	27 406	53 741
National calls from fixed networks to fixed networks	9 094	20 404	10 815	24 039	12 571	28 483	15 455	34 843	18 033	39 449	21 078	42 161	22 080	44 958	23 525	50 642	25 381	50 117
of which telephone calls	8 836	19 513	10 164	21 715	11 159	23 838	12 711	26 848	13 620	27 737	14 541	28 939	15 024	30 417	15 808	32 440	16 459	33 687
of which dial-up access to the Internet [3]	258	891	651	2 323	1 413	4 645	2 743	7 995	4 413	11 712	6 537	13 222	7 055	14 541	7 718	18 202	8 921	16 430
Calls from fixed networks to mobile networks	1 879	3 859	1 970	3 826	1 861	3 729	1 879	3 707	1 798	3 728	1 802	3 411	1 722	3 260	1 597	3 078	1 464	2 533
International calls	491	1 125	584	1 083	525	1 066	549	1 167	568	1 183	565	1 162	601	1 156	577	1 137	561	1 091
Average number of traffic minutes per fixed telephony subscription and month	361	390	409	436	450	496	529	585	598	645	678	670	699	697	724	761	757	
Private	294	327	351	382	405	454	490	536	556	579	593	602	618	636	652	680	682	
Business	565	587	592	615	599	628	652	748	735	882	992	896	960	886	945	1 011	989	

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The distribution between private and business has been revised by TeliaSonera for 2005, whereby comparability with previous periods has been restricted.

IP telephony relates to the form where an ordinary telephone is linked to a broadband connection via, for example, a terminal adapter. Alternatively, an IP telephone or the corresponding is used, which is linked directly to a broadband connection. PBXs that are connected via IP protocol should also be included.

A telephone call that is made by a subscriber for IP telephony should be able to reach, and be reached by, telephones connected to the PSTN and ISDN networks.

[2] Does not include calls from/with pre-paid telephone cards from payphones (both national and international calls), emergency calls, calls with shared cost (077-), directory inquiry services (118 XYZ), free-phone (020-), pay telecom services and mass call services (0900-, 0939-, 0944- and 099-), value-added services and supplementary services.

[3] Calls to dial-up Internet are dial-up access to the Internet via either a PSTN modem or an ISDN modem.

Table 6
Fixed call services - number of outgoing telephone calls (millions) from end-user [1]
(PSTN, ISDN and IP-based telephony)

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Number of outgoing calls for fixed call services - private [2]	1 270	3 030		3 636		4 082		4 681		5 159				6 038				
National calls from fixed networks to fixed networks	941	2 253		2 728		3 101		3 590		3 940				5 955				
<i>of which telephone calls</i>	931	2 219		2 645		2 932		3 307		3 514								
<i>of which dial-up access to the Internet [3]</i>	10	34		83		169		283		427								
Calls from fixed networks to mobile networks	287	690		812		882		991		1 039								
International calls	33	75		83		90		85		89				83				
Free-phone (020-)	8	12		14		10		15		91								
Number of outgoing calls for fixed call services - business [2]	1 670	3 263		3 580		3 695		4 126		4 233				5 212				
National calls from fixed networks to fixed networks	1 100	2 115		2 395		2 510		2 866		3 066				5 041				
<i>of which telephone calls</i>	1 089	2 069		2 328		2 428		2 765		2 935								
<i>of which dial-up access to the Internet [3]</i>	11	46		67		82		101		131								
Calls from fixed networks to mobile networks	474	925		957		907		908		842								
International calls	55	128		132		144		186		166				171				
Free-phone (020-)	41	96		96		134		166		160								
Total number of outgoing calls for fixed call services [2]	2 940	6 293		7 216		7 778		8 806		9 392				11 249				
National calls from fixed networks to fixed networks	2 041	4 368		5 122		5 611		6 456		7 006				10 995				
<i>of which telephone calls</i>	2 020	4 288		4 973		5 360		6 072		6 448								
<i>of which dial-up access to the Internet [3]</i>	21	80		150		251		384		558								
Calls from fixed networks to mobile networks	761	1 616		1 769		1 789		1 899		1 881								
International calls	88	202		215		234		271		254				254				
Free-phone (020-)	49	107		110		143		180		250								

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The distribution between private and business has been revised by TeliaSonera for 2005, whereby comparability with previous periods has been restricted.

IP telephony relates to the form where an ordinary telephone is linked to a broadband connection via, for example, a terminal adapter. Alternatively, an IP telephone or the corresponding is used, which is linked directly to a broadband connection. PBXs that are connected via IP protocol should also be included.

A telephone call that is made by a subscriber for IP telephony should be able to reach, and be reached by, telephones connected to the PSTN and ISDN networks.

[2] Does not include calls from/with pre-paid telephone cards from payphones (both national and international calls), emergency calls, calls with shared cost (077-), directory inquiry services (118 X value-added services and supplementary services).

[3] Calls to dial-up Internet are dial-up access to the Internet via either a PSTN modem or an ISDN modem.

Table 7
Fixed call services - average length of call and average number of calls [1]

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Average length of call in minutes - private [2]	5.6	5.4		5.3		5.7		6.0		6.0				5.6				
National calls from fixed networks to fixed networks	6.4	6.2		6.3		6.7		7.1		7.3								
<i>Only telephone calls</i>	6.2	6.0		5.8		5.8		5.7		5.5								
<i>Only dial-up access to the Internet [3]</i>	22.8	18.0		21.9		22.7		23.6		21.6								
Calls from fixed networks to mobile networks	2.5	2.4		2.0		2.0		1.8		1.9								
International calls	8.7	8.2		7.8		6.6		7.2		7.0				6.4				
Free-phone (020-)	4.5	5.7		5.6		5.7		2.2		0.1								
Average length of call in minutes - business [2]	2.7	3.0		2.8		2.9		3.0		3.4				3.3				
National calls from fixed networks to fixed networks	2.8	3.1		2.9		3.0		3.2		3.5								
<i>Only telephone calls</i>	2.8	3.0		2.8		2.8		2.9		3.0								
<i>Only dial-up access to the Internet [3]</i>	2.9	6.0		7.5		9.9		12.9		16.3								
Calls from fixed networks to mobile networks	2.4	2.4		2.3		2.1		2.1		2.1								
International calls	3.7	4.0		3.3		3.2		3.0		3.4				3.6				
Free-phone (020-)	3.8	4.7		4.7		5.2		5.3		8.9								
Average length of call in minutes - total [2]	4.0	4.1		4.1		4.4		4.6		4.9				4.5				
National calls from fixed networks to fixed networks	4.5	4.7		4.7		5.1		5.4		5.6								
<i>Only telephone calls</i>	4.4	4.6		4.4		4.4		4.4		4.4								
<i>Only dial-up access to the Internet [3]</i>	12.3	11.1		15.5		18.5		20.8		20.3								
Calls from fixed networks to mobile networks	2.5	2.4		2.2		2.1		2.0		2.0								
International calls	5.6	5.6		5.0		4.5		4.3		4.7				4.6				
Free-phone (020-)	3.9	4.8		4.9		5.2		5.0		5.7								
Average number of calls per fixed network customer and month [4]	92	97		109		116		130		136				159				
Private	53	61		72		80		89		96				113				
Business	215	208		230		232		266		283				301				

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The distribution between private and business has been revised by TeliaSonera for 2005, whereby comparability with previous periods has been restricted.

[2] Does not include calls from/with pre-paid telephone cards from payphones (both national and international calls), emergency calls, calls with shared cost (077-), directory inquiry services (118 X value-added services and supplementary services).

[3] Calls to dial-up Internet are dial-up access to the Internet via either a PSTN modem or an ISDN modem.

[4] Average number of calls per fixed customer and month = the calls of the period for fixed call services divided by the average number of customers for fixed call services.

Table 8
Mobile call services and mobile data - number of contract subscriptions and pre-paid cards[1] (thousands)

	30 jun. 2009	31 dec. 2008	30 jun. 2008	31 dec. 2007	30 jun. 2007	31 dec. 2006	30 jun. 2006	31 dec. 2005	30 jun. 2005	31 dec. 2004	30 jun. 2004	31 dec. 2003	30 jun. 2003	31 dec. 2002	30 jun. 2002	31 dec. 2001	30 jun. 2001	31 dec. 2000
All subscriptions and active pre-paid cards [1]	11 250	10 892	10 421	10 117	9 876	9 607	9 222	9 104	8 988	8 785	9 303	8 801	8 374	7 949	7 451	7 178	6 690	6 372
Private	8 833	8 573	8 224	8 068	7 915	7 716	7 458	7 340	7 275	7 056	7 689	7 271	6 932	6 543	6 052	5 805	5 376	5 073
Business	2 417	2 318	2 197	2 049	1 962	1 891	1 764	1 764	1 713	1 728	1 614	1 531	1 442	1 406	1 399	1 373	1 314	1 299
of which subscriptions for only mobile packet data [2]	1 090	877	604	376	184	92												
Private	729	591	392	228	86	26												
Business	362	287	212	148	97	65												
of which via [3]																		
GSM	7 095	7 065	7 597	7 752	8 032	8 278	9 105	8 983	8 865	8 659	9 174	8 669	8 240	7 812	7 311	7 034	6 542	6 191
UMTS and CDMA 2000	4 155	3 827	2 825	2 258	1 736	1 214												
NMT		0	0	107	109	114	117	120	123	126	129	132	134	137	140	144	148	181
of which contract subscriptions	6 776	6 485	5 978	5 514	5 140	4 800	4 451	4 345	4 208	4 030	3 811	3 667	3 520	3 503	3 485	3 498	3 483	3 419
of which pre-paid cards [1]	4 474	4 407	4 443	4 496	4 627	4 693	4 654	4 638	4 657	4 629	5 363	5 003	4 720	4 309	3 826	3 536	3 059	2 773

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] This series was discontinued in 2004 as PTS then transferred to a three-month rule regarding how long a pre-paid card should be deemed to be active.

Pre-paid card only means pre-paid cards that have been topped up, or through which calls have been received or made or have in another way generated revenues during a given period. The length of this period varies depending on operator. For the first half-year 2004 and earlier TeliaSonera uses 12 months, Tele2 uses 13 months and Vodafone (Telenor) uses 6 months. All pre-paid cards are defined as private owing to the difficulty in verifying whether the buyer is a private customer or a business customer.

[2] Active UMTS subscriptions are defined as subscriptions where the user has actively used services in the UMTS network.

Includes subscriptions that are mainly used for mobile packet data and where the data access has been used at least once during the fourth quarter of 2008 or where subscription charges have been paid during the fourth quarter of 2008.

[3] For an UMTS- or CDMA 2000 subscription to be considered as active, it must have generated traffic (minutes or data) in UMTS or CDMA 2000 networks during the fourth quarter of 2008. All other subscriptions are considered to be GSM.

Table 9
Mobile call services and mobile data - percentage distribution - number of contract subscriptions and pre-paid cards

	30 jun. 2009	31 dec. 2008	30 jun. 2008	31 dec. 2007	30 jun. 2007	31 dec. 2006	30 jun. 2006	31 dec. 2005	30 jun. 2005	31 dec. 2004	30 jun. 2004	31 dec. 2003	30 jun. 2003	31 dec. 2002	30 jun. 2002	31 dec. 2001	30 jun. 2001	31 dec. 2000
All subscriptions and active pre-paid cards [1]	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Private	79%	79%	79%	80%	80%	80%	81%	81%	81%	80%	83%	83%	83%	82%	81%	81%	80%	80%
Business	21%	21%	21%	20%	20%	20%	19%	19%	19%	20%	17%	17%	17%	18%	19%	19%	20%	20%
of which subscriptions for only mobile packet data [2]	100%	100%	100%	100%	100%	100%												
Private	67%	67%	65%	61%	47%	29%												
Business	33%	33%	35%	39%	53%	71%												
of which via [3]																		
GSM	63%	65%	73%	77%	81%	86%	99%	99%	99%	99%	99%	99%	98%	98%	98%	98%	98%	97%
UMTS and CDMA 2000	37%	35%	27%	22%	18%	13%												
NMT		0%	0%	1%	1%	1%	1%	1%	1%	1%	1%	1%	2%	2%	2%	2%	2%	3%
of which contract subscriptions	60%	60%	57%	55%	52%	50%	48%	48%	47%	46%	41%	42%	42%	44%	47%	49%	52%	54%
of which pre-paid cards [1]	40%	40%	43%	44%	47%	49%	50%	51%	52%	53%	58%	57%	56%	54%	51%	49%	46%	44%
Number of subscriptions per 1000 inhabitants [4]	1 211	1 177	1 131	1 102	1 080	1 054	1 015	1 006	996	975	1 035	981	935	889	835	806	752	717

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] This series was discontinued in 2004 as PTS then transferred to a three-month rule regarding how long a pre-paid card should be deemed to be active.

Pre-paid card only means pre-paid cards that have been topped up, or through which calls have been received or made or have in another way generated revenues during a given period. The length of this period varies depending on operator. For the first half-year 2004 and earlier TeliaSonera uses 12 months, Tele2 uses 13 months and Vodafone (Telenor) uses 6 months. All pre-paid cards are defined as private owing to the difficulty in verifying whether the buyer is a private customer or a business customer.

[2] Active UMTS subscriptions are defined as subscriptions where the user has actively used services in the UMTS network.

Includes subscriptions that are mainly used for mobile packet data and where the data access has been used at least once during the fourth quarter of 2008 or where subscription charges have been paid during the fourth quarter of 2008.

[3] For an UMTS- or CDMA 2000 subscription to be considered as active, it must have generated traffic (minutes or data) in UMTS or CDMA 2000 networks during the fourth quarter of 2008. All other subscriptions are considered to be GSM.

[4] When computing the number of subscriptions per 1000 inhabitants, population statistics from SCB have been used. The value, as computed here, does not take into account whether the subscriber has more than one subscription, nor whether the subscription is a private or a business subscription.

Table 10
Mobile call services and mobile data - growth in number of contract subscriptions and pre-paid cards [1] (thousands)

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Net growth - All subscriptions and active pre-paid cards [1]	829	775	545	510	655	503	234	319	-315	-17	929	853	923	771	762	805	923	
Private	609	506	309	352	457	376	183	283	-414	-214	758	728	880	738	676	732	808	
Business	219	269	236	158	198	127	51	36	99	198	171	125	43	33	86	74	115	
Net growth - of which subscriptions for only mobile packet data [2]	487	501	420	284	184	92												
Private	337	362	306	202	86	26												
Business	150	139	115	82	97	65												
Net growth - subscriptions via [3]																		
GSM	-502	-687	-435	-526	-1 073	-705	239	325	-309	-11	934	858	929	778	770	842	998	
UMTS and CDMA 2000	1 331	1 569	1 089	1 044	1 736	1 214												
NMT	0	-107	-109	-8	-8	-6	-6	-6	-6	-6	-5	-5	-6	-7	-8	-37	-76	
Net growth - contract subscriptions	798	971	838	714	690	455	243	315	397	363	291	164	35	5	2	79	3 483	
Net growth - pre-paid cards [1]	31	-89	-184	-196	-27	54	-3	10	-706	-374	643	694	893	773	767	763	699	
Total annual growth as per cent	3.3%	4.5%	3.0%	2.4%	2.8%	4.2%	1.3%	1.3%	2.3%	-5.6%	5.7%	5.1%	5.4%	6.7%	3.8%	7.3%	5.0%	10.5%
Aggregated percentage growth in relation to 2000	76.5%	70.9%	63.5%	58.8%	55.0%	50.8%	44.7%	42.9%	41.0%	37.9%	46.0%	38.1%	31.4%	24.7%	16.9%	12.6%	5.0%	

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] This series was discontinued in 2004 as PTS then transferred to a three-month rule regarding how long a pre-paid card should be deemed to be active.

Pre-paid card only means pre-paid cards that have been topped up, or through which calls have been received or made or have in another way generated revenues during a given period. The length of this period varies depending on operator. For the first half-year 2004 and earlier TeliaSonera uses 12 months, Tele2 uses 13 months and Vodafone (Telenor) uses 6 months. All pre-paid cards are defined as private owing to the difficulty in verifying whether the buyer is a private customer or a business customer.

[2] Active UMTS subscriptions are defined as subscriptions where the user has actively used services in the UMTS network.

Includes subscriptions that are mainly used for mobile packet data and where the data access has been used at least once during the fourth quarter of 2008 or where subscription charges have been paid during the fourth quarter of 2008.

[3] For an UMTS- or CDMA 2000 subscription to be considered as active, it must have generated traffic (minutes or data) in UMTS or CDMA 2000 networks during the fourth quarter of 2008. All other subscriptions are considered to be GSM.

Table 11
Mobile call services and mobile data - number of outgoing traffic minutes (millions) from end-user

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Outgoing traffic from mobile telephone to national mobile network	7 118	13 266	6 534	11 506	5 484	9 127	4 178	6 738	2 970	4 585	2 126	4 059	1 744	3 291	1 570	2 733	1 304	
of which within own network [1]	4 769	8 765	4 211	7 662	3 621	6 181	2 591	4 739	1 745	2 985	1 283	2 607	1 120	2 129	1 029	1 744		
Private	4 743	8 341	4 255	7 494	3 520	5 805	2 628	4 240	1 820	2 483	1 094	2 041	964	1 718	793	1 312	611	
Business	2 375	4 925	2 278	4 012	1 964	3 322	1 550	2 498	1 150	2 102	1 031	2 018	781	1 573	778	1 421	694	
Outgoing traffic from mobile telephone to national fixed network	2 222	4 242	2 019	3 614	1 770	3 166	1 554	2 965	1 587	2 817	1 345	2 468	1 396	2 785	1 385	2 573	1 280	
Private	1 101	1 900	955	1 772	844	1 544	745	1 359	757	1 237	571	1 099	649	1 244	608	1 103	538	
Business	1 121	2 342	1 064	1 842	926	1 622	809	1 606	830	1 580	773	1 370	747	1 541	777	1 471	742	
International outgoing traffic	294	570	276	512	245	349	155	221	127	217	102	212	105	207	119	223	109	
Private	218	405	200	371	162	221	96	116	71	113	52	102	56	107	62	119	58	
Business	76	165	76	141	83	128	59	105	56	104	50	110	49	100	57	104	51	
Total number of outgoing traffic minutes	9 635	18 078	8 829	15 631	7 500	12 642	5 887	9 924	4 684	7 619	3 572	6 739	3 245	6 283	3 074	5 529	2 694	5 021
UMTS and CDMA2000	3 527	5 655	2 199	2 901	1 292	1 610	617	732	298	245	46							
GSM [2]	6 107	12 423	6 630	12 721	6 203	11 020	5 263	9 171	4 375	7 342	3 509	6 698	3 221	6 236	3 049	5 476	2 664	4 941
NMT		0	0	9	5	13	7	21	12	32	17	41	24	47	25	53	30	80
Pre-paid cards [3]	2 271	4 259	2 138	3 907	1 867	3 476	1 671	2 751	1 234	1 704	775	1 488	713	1 370				
Contract subscriptions	7 364	13 819	6 691	11 724	5 633	9 166	4 216	7 173	3 450	5 915	2 797	5 251	2 532	4 913				
Private	6 063	10 646	5 411	9 637	4 526	7 570	3 469	5 715	2 649	3 833	1 718	3 242	1 669	3 069	1 463	2 534	1 207	2 190
Business	3 572	7 432	3 418	5 994	2 974	5 072	2 418	4 209	2 036	3 786	1 854	3 497	1 576	3 214	1 611	2 995	1 487	2 831
Average number of traffic minutes per mobile telephony subscription and month [4]	159	153	150	135	130	113	107	92	88	72	66	67	66	69	70	68	69	
Private	126	112	115	103	97	84	78	66	62	45	38	39	41	41	41	39	39	
Business	291	315	293	268	269	235	228	201	197	194	197	199	185	193	194	187	190	

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] For service providers where network capacity is purchased from a mobile network operator, 'voice traffic' refers to voice traffic that terminates in the same mobile network to which the service provider is connected.

[2] Includes traffic from UMTS for 2003.

[3] All pre-paid cards are defined as private owing to the difficulty in verifying whether the buyer is a private customer or a business customer. This series was discontinued in 2004 as PTS then transferred to a three-month rule regarding how long a pre-paid card should be deemed to be active.

[4] Average number of traffic minutes per month = the total number of traffic minutes of the period for mobile telephony divided by the average number of mobile telephony customers during the period.

[5] Average revenue per traffic minute = the revenues of the period from mobile telecommunications services divided by the total number of traffic minutes for mobile telephony during the period.

The revenues of the period from mobile call services relate to revenues from end-user (excluding revenues from SMS, MMS, mobile value-added services, interconnection, international roaming and group internal revenues. Supplementary charges or other instalment payment for discounted mobile telephones are not included).

Table 12
Mobile call services and mobile data - number of outgoing calls (millions) from end-user

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Mobile call services - number of outgoing calls (millions) from end-user	2 954	5 802		5 657		4 974		4 291		3 749		3 637						
of which within own network [1]	1 729	3 332		3 105		2 553		2 487		1 857		1 884						
Private	1 944	3 772		3 622		3 127		2 656		2 351		2 296						
Business	1 010	2 029		2 035		1 846		1 636		1 398		1 340						
Outgoing calls from mobile telephone to national fixed network	848	1 716		1 518		1 373		1 299		1 486		1 332						
Private	444	863		793		694		666		839		739						
Business	405	852		726		679		634		646		594						
International outgoing calls	69	137		135		95		67		73		56						
Private	49	95		93		56		39		43		33						
Business	20	42		42		39		28		30		23						
Total number of outgoing calls	3 872	7 654		7 310		6 441		5 658		5 307		5 025						
UMTS and CDMA2000	1 305	2 262		1 371		827		427		168								
GSM [2]	2 567	5 392		5 935		5 608		5 222		5 127		5 008						
NMT		0		4		6		9		13		17						
Pre-paid cards [3]	883	1 776		1 765		1 749		1 588		1 824		1 778						
Contract subscriptions	2 989	5 878		5 546		4 692		4 070		3 484		3 247						
Private	2 437	4 730		4 508		3 877		3 360		3 233		3 068						
Business	1 435	2 924		2 803		2 564		2 298		2 074		1 957						
Average number of calls per mobile voice subscription and month [4]	64	65		63		58		53		50		50						
Private	50	50		48		43		39		38		37						
Business	117	124		125		119		110		106		111						
Average length of call per mobile telephony subscription in minutes	2.49	2.36		2.14		1.96		1.75		1.44		1.34		1.83				
Private	2.49	2.25		2.14		1.95		1.70		1.19		1.06		1.65				
Business	2.49	2.54		2.14		1.98		1.83		1.83		1.79		2.09				
Pre-paid cards [3]	2.57	2.40		2.21		1.99		1.73		0.93		0.84						
Contract subscriptions	2.46	2.35		2.11		1.95		1.76		1.70		1.62						

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] For service providers where network capacity is purchased from a mobile network operator, 'voice traffic' refers to voice traffic that terminates in the same mobile network to which the service provider is connected.

[2] Includes traffic from UMTS for 2003.

[3] All pre-paid cards are defined as private owing to the difficulty in verifying whether the buyer is a private customer or a business customer.

[4] Average number of calls per mobile voice subscription and month = the total number of mobile phone calls during the period divided by the average number of mobile telephony subscriptions during the period.

Table 13
Mobile call services and mobile data - mobile data services

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Number of GSM, UMTS and CDMA 2000 subscriptions with active users of mobile data services (thousands) [1]	5 874	5 268	4 803	6 027	5 339	3 728	3 334	2 558	1 282	973	548	516	200	91	57			
Private	4 426	3 972	3 629	4 590	4 063	2 776	2 464	1 942	1 004	763	410	357	118	40	28			
Business	1 447	1 296	1 174	1 437	1 275	952	870	615	278	209	137	159	82	51	29			
of which subscriptions for only mobile packet data [2]	1 090	877	604	376	184	92												
Private	729	591	392	228	86	26												
Business	362	287	212	148	97	65												
Proportion GSM, UMTS and CDMA 2000-subscriptions with active users of mobile data services	57.8%	52.6%	48.9%	60.2%	54.7%	39.3%	36.6%	28.5%	14.5%	11.2%	6.0%	6.0%	2.4%	1.2%	0.8%			
Private	54.6%	49.8%	46.3%	57.6%	52.0%	36.4%	33.5%	26.8%	14.0%	11.0%	5.4%	5.0%	1.7%	0.6%	0.5%			
Business	70.4%	63.8%	59.1%	70.6%	65.5%	51.2%	49.9%	35.4%	16.5%	12.3%	8.7%	10.6%	5.8%	3.7%	2.1%			
Traffic for mobile data services (Tbyte)	11 664	13 720	4 729	2 191	378	203	71	60	19	10	2	2	1	1				
Private	9 546	11 990	4 214	1 727	279	104	33	30	11	6	1	1						
Business	2 118	1 730	515	464	99	99	38	30	8	5	1	1						
Average amount of data traffic (Mbyte) per subscription for mobile data traffic only and month [3]	1 976	1 824	1 609	781	457													
Private	2 412	2 441	2 265	1 130	823													
Business	1 088	663	477	363	204													

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The question has been re-defined for the first half year 2008. It has also been difficult for the operators to separate between subscriptions for only voice services and subscription for voice and mobile packet data services prior to the first half-year 2008. For that reason comparability with previous periods has been restricted.

Includes subscriptions that are mainly used for mobile packet data and where the data access has been used at least once during the fourth quarter of 2008 or where subscription charges have been paid during the fourth quarter of 2008. The subscription should not have generated any voice traffic minutes during the fourth quarter of 2008.

[3] Also includes data traffic from users with other subscriptions than for only mobile packet data.

Table 14
Mobile call services and mobile data - SMS [1]

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Antal från mobiltelefon skickade SMS (miljoner) [7]	6 778	10 360	4 581	6 626	2 710	3 397	1 310	2 089	1 004	2 044	961	1 816	811	1 325	615	1 020	448	473
of which within own network [2]	2 374	3 669	1 689	2 503	1 014	1 398	558	976	514	1 062	524	856		622				
Private	6 375	9 654	4 157	5 868	2 410	2 919	1 098	1 738	840	1 720	837	1 572	703	1 168	544	899	396	405
Business	403	706	424	758	300	478	212	351	164	325	124	244	108	157	71	121	52	68
Annual growth in number of SMS sent - total	48%	56%	69%	95%	107%	63%	30%	2%	4%	13%	19%	37%	32%	30%	37%	116%	179%	
Average number of SMS sent per GSM-, UMTS- and CDMA 2000-telephony customer and month [3]	112.0	87.9	78.5	58.0	47.6	30.8	24.1	19.7	19.1	19.7	18.0	18.4	16.8	14.9	14.3	12.8	11.7	
Private	132.1	102.3	89.0	63.7	52.4	32.8	25.1	20.4	19.8	20.3	18.9	19.3	17.7	16.0	15.6	14.1	12.9	
Business	32.8	30.0	36.5	34.3	27.5	22.5	20.3	17.0	16.1	16.9	13.3	14.1	12.9	9.6	8.8	7.8	6.9	
Denmark [4]	165	156	164	145	167	150	148	132	127	110	103	72	56	40	36	31	30	21
Norway [5]	102	98	101	86	94	89	87	83	80	70	67	66	63	57	54	51	45	36
Finland [6]	46	43	43	44	46	46	46	45	44							26		25

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Short Message Service

[2] For service providers where network capacity is purchased from a mobile network operator, 'SMS' relates to SMS that terminate in the same network to which the service provider is connected.

[3] Average number of SMS sent per GSM-, UMTS- and CDMA 2000-telephony customer and month = the number of SMS sent during the period divided by the average number of GSM-, UMTS- and CDMA 2000-telephony customers during the period, and divided by the number of months during the period.

[4] Based on statistics from the National IT and Telecom Agency in Denmark.

[5] Based on statistics from the Norwegian Post and Telecommunications Authority.

[6] Based on statistics from Viestintävirasto, the Finnish Communications Regulatory Authority.

[7] Tele2 har i samband med detta halvårs insamling reviderat sina tidigare siffror för antalet sända sms för tiden första halvåret 2006 och fram till och med helåret 2008.

Table 15
Mobile call services and mobile data - MMS [1]

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Number of MMS sent from mobile telephone (millions)	67	138	64	103	42	70	27	39	18	27	11	7	2					
Private	54	108	52	80	32	55	21	31	14	20	9							
Business	13	30	13	22	10	15	6	8	3	7	2							
Annual growth in number of MMS sent - total	4%	34%	53%	46%	55%	80%	54%	45%	64%	301%	430%							
Average number of MMS sent per GSM-, UMTS- and CDMA 2000-telephony customer and month [2]	1.10	1.17	1.10	0.90	0.74	0.64	0.50	0.37	0.34	0.26	0.20	0.07	0.04					
Private	1.11	1.14	1.10	0.87	0.70	0.62	0.48	0.36	0.34	0.24	0.20							
Business	1.05	1.26	1.10	1.00	0.91	0.70	0.58	0.38	0.31	0.35	0.21							
Denmark [3]	0.9	0.8	0.8	0.4	0.5	0.4	0.4	0.4	0.4	0.2	0.2	0.1	0.0					
Norway [4]	1.6	2.0	2.3	1.6	1.7	1.7	1.8	1.6	1.5	1.4	0.8	0.4	0.1					
Finland [5]	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.3	0.3								

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Multimedia Messaging Service

[2] Average number of MMS sent per GSM-, UMTS- and CDMA 2000-telephony customer and month = the number of MMS sent during the period divided by the average number of GSM-, UMTS- and CDMA 2000-telephony customers during the period, and divided by the number of months during the period.

[3] Based on statistics from the National IT and Telecom Agency in Denmark.

[4] Based on statistics from the Norwegian Post and Telecommunications Authority.

[5] Based on statistics from Viestintävirasto, the Finnish Communications Regulatory Authority.

Table 16
Mobile call services and mobile data - telematics

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Number of M2M subscriptions [1] (thousands)	1 686	1 583																
Antal SMS skickade från M2M-abonnemang [2] (miljoner)	79																	

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Subscriptions = contract subscriptions + pre-paid cards.

[2] M2M = machine-to-machine, i.e. wireless technology primarily used for telematics and telemetry.

Table 17																		
Internet services - number of active Internet-access customers [1] per form of access (thousands)																		
	30jun. 2009	31dec. 2008	30jun. 2008	31dec. 2007	30jun. 2007	31dec. 2006	30jun. 2006	31dec. 2005	30jun. 2005	31dec. 2004	30jun. 2004	31dec. 2003	30jun. 2003	31dec. 2002	30jun. 2002	31dec. 2001	30jun. 2001	31dec. 2000
Internet subscriptions - private	3 797	3 698	3 540	3 518	3 361	3 268	3 140	2 964	3 024	2 932	2 791	2 900	2 813	2 702	2 675	2 494	2 201	1 971
PSTN [2] (Modems up to 56 kbit/s)	347	414	525	688	824	1 005	1 137	1 207	1 529	1 669	1 729	1 936	1 985	1 974	2 051	1 996	1 868	1 784
ISDN [3]	1	1	2	12	16	17	17	16	21	30	40	53	62	69	72	74	76	74
DSL [4]	1 538	1 562	1 576	1 552	1 480	1 378	1 234	1 083	910	749	576	505	420	371	305	223	116	22
Cable television	576	561	545	535	504	453	403	354	288	242	229	211	179	156	127	111	92	56
Fixed radio	3	3	3	4	5	4	6	7	7	6	7	5	4	2	2	1	1	0
Mobile broadband [5]	729	591	392	228	86	26												
Satellite	0.0	0.1	0.0	0.0	0.6	0.6	0.7	0.8	0.8	0.8	0.7	0.7	0.5	0.1	0.0		0.3	0.5
Fiber and fiber-LAN [6]	597	566	493	493	439	379	338	295	266	234	209	189	162	128				
Other broadband access	6	0	4	5	6	6	4	2	2	1	0	0	0		116	89	50	35
Internet subscriptions - business	623	573	490	441	363	327	252	338	346	362	346	343	323	330	308	325	318	277
PSTN [2] (Modems up to 56 kbit/s)	57	69	65	86	65	68	77	165	192	214	207	213	201	218	213	237	244	214
ISDN [3]	6	7	15	16	13	15	19	29	32	35	36	37	40	47	51	59	60	52
DSL [4]	169	176	169	164	161	154	137	124	103	97	86	76	64	50	31	18	7	4
Cable television	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0
Fixed radio	1	1	0	1	1	1	1	1	2	2	1	1	1	1	1	0	0	0
Mobile broadband [5]	362	287	212	148	97	65												
Satellite	0.0	0.1	0.0	0.0	0.1	0.1	0.3	0.3	0.3		0.2				0.0			
Fiber and fiber-LAN [6]	18	24	18	16	13	11	10	8	7	7	6	6	6	5				
Other broadband access	9	9	9	9	12	11	6	9	8	7	8	9	10	9	11	9	8	6
Internet subscriptions - total	4 419	4 271	4 030	3 958	3 724	3 595	3 392	3 302	3 371	3 293	3 138	3 243	3 135	3 032	2 982	2 819	2 520	2 248
PSTN [2] (Modems up to 56 kbit/s)	405	482	590	774	889	1 073	1 214	1 372	1 721	1 883	1 936	2 149	2 187	2 191	2 264	2 233	2 112	1 998
ISDN [3]	6	8	18	27	28	32	36	46	53	64	76	90	102	117	123	133	135	126
DSL [4]	1 707	1 737	1 745	1 716	1 641	1 531	1 371	1 207	1 014	846	663	581	484	421	337	242	123	26
Cable television	577	563	546	536	506	454	404	355	289	243	230	212	180	156	128	112	92	56
Fixed radio	4	4	3	5	6	5	8	9	8	7	8	6	4	3	3	1	1	0
Mobile broadband [5]	1 090	877	604	376	184	92												
Satellite	0.0	0.2	0.0	0.0	0.6	0.7	0.9	1.0	1.1	0.8	0.8	0.7	0.5	0.1	0.0		0.3	0.5
Fiber and fiber-LAN [6]	615	590	512	509	452	390	348	302	273	241	215	195	167	134				
Other broadband access	16	9	13	15	18	17	10	10	11	8	9	10	10	9	127	99	57	40

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Active customer means a customer that has used his access at least once during the quarter that precedes the measurement period in question (only applies to those customers who do not pay subscription charges). If the customer pays a subscription charge, the customer is deemed to be active if the payment was made during the immediately preceding quarter.

[2] Public Switched Telephone Network.

[3] Integrated Services Digital Network.

[4] Digital Subscriber Line. The two most common are ADSL (Asymmetrical Digital Subscriber Line) and VDSL (Very-high-bit-rate Digital Subscriber Line).

[5] Subscriptions for data access cards, internal data access cards and data access cards that connects with USB or similar.

[6] Internet access is reached via a property network, i.e. a LAN (local area network, usually based on Ethernet technology).

The LAN is linked to a public fibre network; for example, a wide area network (WAN).

The property network, which may comprise optical fibre cable or copper-based cable, links the individual dwellings/operations with the property node, which in its turn is connected to the wide area networks.

Table 18
Internet services - percentage distribution of the number of active Internet-access customers [1] per form of access

	30jun. 2009	31dec. 2008	30jun. 2008	31dec. 2007	30jun. 2007	31dec. 2006	30jun. 2006	31dec. 2005	30jun. 2005	31dec. 2004	30jun. 2004	31dec. 2003	30jun. 2003	31dec. 2002	30jun. 2002	31dec. 2001	30jun. 2001	31dec. 2000
Internet subscriptions - private	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PSTN [2] (<i>Modems up to 56 kbit/s</i>)	9%	11%	15%	20%	25%	31%	36%	41%	51%	57%	62%	67%	71%	73%	77%	80%	85%	90%
ISDN [3]	0%	0%	0%	0%	0%	1%	1%	1%	1%	1%	1%	2%	2%	3%	3%	3%	3%	4%
DSL [4]	41%	42%	45%	44%	44%	42%	39%	37%	30%	26%	21%	17%	15%	14%	11%	9%	5%	1%
Cable television	15%	15%	15%	15%	15%	14%	13%	12%	10%	8%	8%	7%	6%	6%	5%	4%	4%	3%
Fixed radio	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Mobile broadband [5]	19%	16%	11%	6%	3%	1%												
Satellite	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.02%	0.03%	0.03%	0.03%	0.02%	0.02%	0.02%	0.00%	0.00%		0.01%	0.02%
Fiber and fiber-LAN [6]	16%	15%	14%	14%	13%	12%	11%	10%	9%	8%	7%	7%	6%	5%				
Other broadband access	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		4%	4%	2%	2%
Internet subscriptions - business	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PSTN [2] (<i>Modems up to 56 kbit/s</i>)	9%	12%	13%	20%	18%	21%	31%	49%	55%	59%	60%	62%	62%	66%	69%	73%	77%	77%
ISDN [3]	1%	1%	3%	4%	3%	5%	7%	9%	9%	10%	10%	11%	12%	14%	16%	18%	19%	19%
DSL [4]	27%	31%	35%	37%	44%	47%	54%	37%	30%	27%	25%	22%	20%	15%	10%	6%	2%	1%
Cable television	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Fixed radio	0%	0%	0%	0%	0%	0%	1%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Mobile broadband [5]	58%	50%	43%	34%	27%	20%												
Satellite	0.00%	0.01%	0.00%	0.00%	0.02%	0.03%	0.10%	0.08%	0.07%		0.05%				0.00%			
Fiber and fiber-LAN [6]	3%	4%	4%	4%	4%	3%	4%	2%	2%	2%	2%	2%	2%	2%				
Other broadband access	4%	6%	6%	6%	7%	7%	7%	5%	4%	4%	4%	4%	5%	4%	4%	3%	2%	2%
Internet subscriptions - total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
PSTN [2] (<i>Modems up to 56 kbit/s</i>)	9%	11%	15%	20%	24%	30%	36%	42%	51%	57%	62%	66%	70%	72%	76%	79%	84%	89%
ISDN [3]	0%	0%	0%	1%	1%	1%	1%	1%	2%	2%	2%	3%	3%	4%	4%	5%	5%	6%
DSL [4]	39%	41%	43%	43%	44%	43%	40%	37%	30%	26%	21%	18%	15%	14%	11%	9%	5%	1%
Cable television	13%	13%	14%	14%	14%	13%	12%	11%	9%	7%	7%	7%	6%	5%	4%	4%	4%	3%
Fixed radio	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Mobile broadband [5]	25%	21%	15%	9%	5%	3%												
Satellite	0.00%	0.00%	0.00%	0.00%	0.02%	0.02%	0.03%	0.03%	0.03%	0.02%	0.03%	0.02%	0.02%	0.00%	0.00%		0.01%	0.02%
Fiber and fiber-LAN [6]	14%	14%	13%	13%	12%	11%	10%	9%	8%	7%	7%	6%	5%	4%				
Other broadband access	14%	14%	13%	13%	13%	11%	11%	9%	8%	8%	7%	6%	6%	5%	4%	3%	2%	2%

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Active customer means a customer that has used his access at least once during the quarter that precedes the measurement period in question (only applies to those customers who do not pay subscription charges). If the customer pays a subscription charge, the customer is deemed to be active if the payment was made during the immediately preceding quarter.

[2] Public Switched Telephone Network.

[3] Integrated Services Digital Network.

[4] Digital Subscriber Line. The two most common are ADSL (Asymmetrical Digital Subscriber Line) and VDSL (Very-high-bit-rate Digital Subscriber Line).

[5] Subscriptions for data access cards, internal data access cards and data access cards that connects with USB or similar.

[6] Internet access is reached via a property network, i.e. a LAN (local network) usually based on Ethernet technology. The property network is linked to a public fibre network, for example an area network. The property network, which may comprise optic fibre cable or copper-based cable, links the individual dwellings/operations with the property node, which in its turn is connected to the area networks.

Table 19
Internet services - number of active customers with broadband connection to Internet (thousands)

	30jun. 2009	31dec. 2008	30jun. 2008	31dec. 2007	30jun. 2007	31dec. 2006	30jun. 2006	31dec. 2005	30jun. 2005	31dec. 2004	30jun. 2004	31dec. 2003	30jun. 2003	31dec. 2002	30jun. 2002	31dec. 2001	30jun. 2001	31dec. 2000
Number of subscriptions with broadband connection [1]	4 008	3 780	3 422	3 156	2 807	2 490	2 142	1 884	1 596	1 346	1 126	1 004	846	724	595	454	273	124
Private	3 449	3 283	3 013	2 818	2 521	2 246	1 986	1 741	1 474	1 233	1 022	911	765	658	552	425	258	113
Business	560	498	410	338	286	244	156	143	122	114	104	93	81	65	44	29	15	10
varav via mobil bredbandsanslutning [4]	1 090	877	604	376	184	92												
Private	729	591	392	228	86	26												
Business	362	287	212	148	97	65												
Number of subscriptions with transmission capacity of 2 Mbit/s or more [2]	3 475	3 144	2 723	2 165	1 940	1 608	1 236	984	771	538	404	168	159	120	106	93	51	3
Private	2 982	2 744	2 418	2 022	1 815	1 502	1 165	934	742	517	387	159	151	113	101	89	48	2
Business	494	399	305	142	125	105	71	50	30	20	16	10	9	7	5	4	3	1
varav via mobil bredbandsanslutning [4]	955	699	439	0	0	0												
Private	629	475	292	0	0	0												
Business	326	224	148	0	0	0												
Number of subscriptions with transmission capacity of 10 Mbit/s or more [3]	1 340	1 017	920	854	733	594	516	408	377	272	168	137						
Private	1 270	977	892	830	714	580	506	398	370	268	165	136						
Business	71	40	28	24	19	14	10	10	7	4	3	1						
varav via mobil bredbandsanslutning [4]	83	0	0	0	0	0												
Private	53	0	0	0	0	0												
Business	30	0	0	0	0	0												
Number of subscriptions with transmission capacity of 30 Mbit/s or more	335																	
Private	329																	
Business	5																	

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Relates to xDSL, cable-tv, fixed radio, mobile broadband, satellite, fiber and fiber-LAN and other broadband access.

[2] At least 2 Mbit/s downstream. NOTE: The definition for 2003 and earlier was at least 2 Mbit/s both upstream and downstream.

[3] At least 10 Mbit/s downstream. NOTE: The definition for 2003 and earlier was at least 10 Mbit/s both upstream and downstream.

[4] Subscriptions for data access cards, internal data access cards and data access cards that connects with USB or similar.

Table 20 Internet services - growth, penetration and traffic																		
	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Annual growth in number of Internet access subscriptions	10%	8%	8%	10%	10%	9%	1%	0%	7%	2%	0%	7%	5%	8%	18%	25%	23%	
Private	7%	5%	5%	8%	7%	10%	4%	1%	8%	1%	-1%	7%	5%	8%	21%	27%	23%	
Business	27%	30%	35%	35%	44%	-3%	-27%	-7%	0%	5%	7%	4%	5%	2%	-3%	17%	23%	
varav via mobil bredbandsanslutning [7]	81%	133%	229%	309%														
Private	86%	159%	354%	763%														
Business	71%	94%	118%	126%														
Annual growth in number of subscriptions to broadband connections to the Internet	17%	20%	22%	27%	31%	32%	34%	40%	42%	34%	33%	39%	42%	60%	118%	267%		
Private	14%	17%	20%	25%	27%	29%	35%	41%	44%	35%	34%	38%	39%	55%	114%	275%		
Business	37%	47%	43%	39%	83%	70%	28%	26%	18%	22%	27%	42%	86%	127%	193%	177%		
varav via mobil bredbandsanslutning [7]	81%	133%	229%	309%														
Private	86%	159%	354%	763%														
Business	71%	94%	118%	126%														
Annual growth in number of Internet access subscriptions with 2 Mbit/s or more	28%	45%	40%	35%	57%	63%	60%	83%	91%	219%	153%	41%	50%	29%				
Private	23%	36%	33%	35%	56%	61%	57%	80%	91%	226%	157%	40%	49%	27%				
Business	62%	181%	144%	35%	77%	109%	139%	150%	83%	104%	87%	47%	84%	59%				
varav via mobil bredbandsanslutning [7]	117%																	
Private	116%																	
Business	121%																	
Subscriptions to fixed Internet access as a proportion of number of households [3]	69%	69%	70%	74%	74%	73%	71%	67%	69%	67%	63%	66%	63%	61%	61%	57%	50%	45%
Connection with 2 Mbit/s or more [2]	53%	51%	48%	45%	41%	34%	26%	21%	17%	12%	9%	4%	3%	3%	2%	2%	1%	0%
Connection with 10 Mbit/s or more	27%	22%	20%	19%	16%	13%	11%	9%	8%	6%	4%	3%						
Subscriptions to fixed broadband access as a proportion of number of households [4]	61%	60%	59%	58%	55%	50%	45%	39%	34%	28%	23%	21%	17%	15%	13%	10%	6%	3%
Connection with 2 Mbit/s or more [2]	53%	51%	48%	45%	41%	34%	26%	21%	17%	12%	9%	4%	3%	3%	2%	2%	1%	0%
Connection with 10 Mbit/s or more	27%	22%	20%	19%	16%	13%	11%	9%	8%	6%	4%	3%						
Internet subscriptions as a proportion of the population [5]	41%	40%	38%	38%	37%	36%	35%	33%	34%	33%	31%	32%	31%	30%	30%	28%	25%	22%
Connection with 2 Mbit/s or more [2]	32%	30%	26%	22%	20%	16%	13%	10%	8%	6%	4%	2%	2%	1%	1%	1%	1%	0%
Connection with 10 Mbit/s or more	14%	11%	10%	9%	8%	6%	6%	4%	4%	3%	2%	2%						
Mobile broadband subscriptions as a proportion of the population [6]	8%	6%	4%	2%	1%	0%												
Connection with 2 Mbit/s or more [2]	7%	5%	3%	0%		0%												
Connection with 10 Mbit/s or more	1%	0%	0%	0%		0%												

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] Relates to xDSL, cable-tv, fixed radio, mobil broadband, satellite, fiber and fiber-LAN and other broadband access.

[2] At least 2 Mbit/s downstream. NOTE: The definition for 2003 and earlier was at least 2 Mbit/s both upstream and downstream.

[3] Relates to PSTN, ISDN, xDSL, cable-tv, fixed radio, mobil broadband, satellite, fiber and fiber-LAN and other broadband access.

The proportion is computed by dividing the number of subscriptions to fixed Internet access by data from Statistics Sweden (SCB) on the number of housekeeping units in Sweden.

The fact that one household can have several Internet subscriptions has not been taken into account.

[4] Relates to xDSL, cable-tv, fixed radio, satellite, fiber and fiber-LAN and other broadband access.

The proportion is computed by dividing the number of subscriptions to fixed broadband access by data from Statistics Sweden (SCB) on the number of housekeeping units in Sweden.

The fact that one household can have several Internet subscriptions has not been taken into account.

[5] Relates to PSTN, ISDN, xDSL, cable-tv, fixed radio, mobil broadband, satellite, fiber and fiber-LAN and other broadband access.

The proportion is computed by dividing the number of Internet subscriptions by data from Statistics Sweden (SCB) on the population of Sweden.

The fact that one household can have several Internet subscriptions has not been taken into account.

[6] Relates to mobile broadband. The proportion is computed by dividing the number of mobile broadband subscriptions by data from Statistics Sweden (SCB) on the population of Sweden.

The fact that one household can have several Internet subscriptions has not been taken into account.

[7] Subscriptions for data access cards, internal data access cards and data access cards that connects with USB or similar.

Table 21
Television services - Number of subscriptions

	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Total number of subscriptions [1]	4 541	4 545	4 546	4 608	4 394	4 200												
Analogue - via cable network [2]	2 114	2 143	2 161	2 301	2 339	2 343												
Analogue - via satellite:		0																
Digital - via terrestrial network:																		
Digital - via cable network [3]	667	689	701	709	678	654												
Digital - via satellite	718	679	638	554	474	431												
Iptv - via LAN [4]	667	681	691	694	709	720												
IPTV - via the metal-based access network	96	75	63	61	33	24												
IPTV - via other infrastructure	279	278	292	290	163	28												
		0																

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] The customer is deemed to be active if payment of a subscription charge was made during the second quarter of 2009.

Either via contract directly with household or indirectly, via distributor (such as property owner or similar associations).

Subscription here relates to a basic package ('basic range' and the like) of channels that are provided to end-users.

[2] The subscription/network is analog if the broadcasts in the network could be received by a standard television receiver without decoding the signal.

[3] The subscription/network is digital if the signal distributed to the property owner's network or directly to the household is digital.

[4] LAN network means a fixed connection which is reached via a LAN (local network, property network) usually based on Ethernet technology. The LAN is linked to a public fibre network, for example an area network. The LAN (which may comprise optic fibre cable or copper-based cable) links the individual dwellings/operations with a centrally located data switch in the premises, which in its turn is connected to the routers available in the area and backbone networks.

Table 22 Bundled subscriptions - Number of end users with bundled subscriptions [1]																		
	1H 2009	2008	1H 2008	2007	1H 2007	2006	1H 2006	2005	1H 2005	2004	1H 2004	2003	1H 2003	2002	1H 2002	2001	1H 2001	2000
Double-play:	481	440	336															
Private	478	440	335															
Business	3	0	0															
Fixed telephony and broadband:	370	340	254															
Private	370	340	254															
Business	0	0	0															
Fixed telephony and television:	18	16	13															
Private	18	16	13															
Business																		
Fixed telephony and mobile telephony:	16	8																
Private	16	8																
Business																		
Mobile telephony and broadband:	6	2	0															
Private	4	2	0															
Business	3		0															
Mobile telephony and television:		0																
Private		0																
Business																		
Television and broadband:	70	74	68															
Private	70	74	68															
Business	0	0																
Other combinations:																		
Private																		
Business																		
Triple-play:	405	299	235															
Private	405	299	235															
Business																		
Fixed telephony and broadband and television:	357	252	203															
Private	357	252	203															
Business																		
Fixed telephony and broadband and mobile telephony:	48	47	32															
Private	48	47	32															
Business																		
Fixed telephony and mobile telephony and television:	0	0																
Private	0	0																
Business																		
Mobile telephony and broadband and television:		0																
Private		0																
Business																		
Other combinations:																		
Private																		
Business																		
Quadruple -play:	1	2	2															
Private	1	2	2															
Business																		
Fixed telephony and broadband and television and mobile telephony:	1	2	2															
Private	1	2	2															
Business																		
Other combinations:																		
Private																		
Business																		
Total (double play, triple play and quadruple play):	887	740	573															
Private	884	740	573															
Business	3	0	0															

Source: National Post and Telecom Agency (PTS), 18 november 2009.

[1] 'Number of subscribers' relates to the number of contracts that electronic communications service providers have for the provision of bundled services.