



**IT- og Telestyrelsen**  
Ministeriet for Videnskab  
Teknologi og Udvikling

# **Teleårbog 2004**

## **Tele Yearbook - 2004**

**IT- og Telestyrelsen**

National IT and Telecom Agency, Denmark

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IT- og Telestyrelsen udgiver hermed Teleårbog 2004. Teleårbogen indeholder statistikker om telemarkedet i Danmark.

Telesektoren er fortsat i hastig udvikling, og IT- og Telestyrelsen ønsker løbende gennem statistikken at give et så retvisende billede af markedsudviklingen og konkurrencesituationen i sektoren som muligt. IT- og Telestyrelsen tilpasser derfor løbende statistikken således, at Teleårbogen til stadighed fremstår som relevant og aktuel.

I forbindelse med udarbejdelsen af denne udgave af Teleårbog 2004 har IT- og Telestyrelsen modtaget oplysninger fra:

101 Systems ApS	Hi3G Denmark ApS,
A+ Arrownet A/S,	IDT Denmark,
A+ Telecom A/S,	Intercitynet,
ACN Danmark A/S,	Ishøy Internet Support,
AT&T Global Network Services Denmark,	Jay.net A/S,
AXITI Danmark A/S,	KE Tele A/S,
BaneDanmark,	Kjærgaard EL & Industriautomatik A/S,
Bo Data,	L'easy,
BoligNET ApS,	LIC Lærernes Indkøbscentral,
Broadcom ApS,	M1 A/S,
Broadcom Bolignet ApS,	MCI (Worldcom Telecommunications)
BT Global Networks Denmark ApS,	MIGway A/S,
butlerNetworks A/S,	Mira Internet A/S,
CBB Mobil A/S,	Musimi.dk,
Centrum Verden A/S,	NESA,
Cirque A/S,	Net Group Data Center A/S,
COLT Telecom A/S,	Nianet A/S,
Comflex A/S,	Nordit A/S,
Comx Networks A/S,	Orange A/S,
Consorte A/S,	Orza PLC,
Cybercity A/S,	PGOne,
Cygate Denmark A/S,	Powerline Communications,
Dansk Bredbånd A/S,	Prime Networks A/S,
Danske Telecom A/S,	Primus Telecommunications A/S,
Debitel Danmark A/S,	Redspot ApS,
Dansk Erhvervs-Telefoni ApS (DETele),	Seas Distribution A.M.B.A.,
DLG Tele,	SEAS NVE,
Easyweb Com ApS,	SmartKoncept ApS,
Elrotel A/S,	Song Networks A/S,
Equant Danmark A/S,	Sonofon A/S,
Facilicom A/S,	SprintLink Danmark ApS,
Fascom A/S,	Starman Telecom ApS,
Fonet ApS,	SuperTEL Danmark ApS,
GC Pan European Crossing Danmark A/S,	Sydfyns elforsyning,
Global Connect A/S,	Sydvest Energi Holding A/S,
GlobalTel Telecom,	TDC A/S,
GoIP ApS,	Tele 2 A/S,
Group Networks A/S,	Telefin ApS,
HEF,	Telegroup network ApS,

Telelet A/S,  
Telia A/S,  
Telmor A/S,  
Telogic A/S (Scanweb),  
Telsome ApS,  
Tetranet,  
Tetrastar A/S,  
Timepiece LDA/Universal Telecom,  
Tiscali A/S,

T-systems Danmark A/S,  
UnoTel A/S,  
UpData A/S,  
Utfors Danmark A/S,  
V2Tel A/S,  
Vestnet A/S,  
WEBPARTNER A/S og  
Yes I Hotspot.

Demografiske data samt data vedrørende nettoprisindekset (NPI) er indhentet fra Danmarks Statistik.

IT- og Telestyrelsen har i enkelte tilfælde justeret tidligere offentliggjorte data, idet der med teleudbydernes indberetninger til Teleårbog 2004 er fremkommet nye oplysninger.

Telenet og teletjenester kan som udgangspunkt udbydes i Danmark af enhver uden forudgående tilladelse, registrering eller lignende. Der tages derfor det generelle forbehold, at ikke alle udbydere af telenet og teletjenester på det danske telemarked indgår i telestatistikken. Især på markedet for internettjenester og kabelmodem er der flere udbydere (f.eks. antenneforeninger), som ikke er indeholdt i statistikken.

## Signaturforklaring

- Nul
- Tal kan efter sagens natur ikke forekomme
- \*\* Ændret i forhold til tidligere offentliggjort pga. nye oplysninger fra udbydere
- ... Oplysninger foreligger ikke

The National IT and Telecom Agency hereby publish Tele Yearbook 2004. The Tele Yearbook comprises statistics on the telecom market in Denmark.

The telecom sector is developing rapidly, and the National IT and Telecom Agency wishes, via the statistics, to currently provide a correct reflection of the market development and the competition in the sector. Consequently, the National IT and Telecom Agency is currently adjusting the statistics in such a way that the Tele Yearbook persistently appears to the point and of current interest.

In connection with the preparation of this version of Tele Yearbook 2004 the National IT and Telecom Agency has received information from:

101 Systems ApS	IDT Denmark,
A+ Arrownet A/S,	Intercitynet,
A+ Telecom A/S,	Ishøy Internet Support,
ACN Danmark A/S,	Jay.net A/S,
AT&T Global Network Services Denmark,	KE Tele A/S,
AXITI Danmark A/S,	Kjærgaard EL & Industriautomatik A/S,
BaneDanmark,	L'easy,
Bo Data,	LIC Lærernes Indkøbscentral,
BoligNET ApS,	M1 A/S
Broadcom ApS,	MCI (Worldcom Telecommunications)
Broadcom Bolignet ApS,	MIGway A/S,
BT Global Networks Denmark ApS,	Mira Internet A/S,
butlerNetworks A/S,	Musimi.dk,
CBB Mobil A/S,	NESA,
Centrum Verden A/S,	Net Group Data Center A/S,
Cirque A/S,	Nianet A/S,
COLT Telecom A/S,	Nordit A/S,
Comflex A/S,	Orange A/S,
Comx Networks A/S,	Orza PLC,
Consorte A/S,	PGOne,
Cybercity A/S,	Powerline Communications,
Cygate Denmark A/S,	Prime Networks A/S,
Dansk Bredbånd A/S,	Primus Telecommunications A/S,
Danske Telecom A/S,	Redspot ApS,
Debitel Danmark A/S,	Seas Distribution A.M.B.A,
Dansk Erhvervs-Telefoni ApS (DETele),	SEAS NVE,
DLG Tele,	SmartKoncept ApS,
Easyweb Com ApS,	Song Networks A/S,
Elrotel A/S,	Sonofon A/S,
Equant Danmark A/S,	SprintLink Danmark ApS,
Facilicom A/S,	Starman Telecom ApS,
Fascom A/S,	SuperTEL Danmark ApS,
Fonet ApS,	Sydfyns elforsyning,
GC Pan European Crossing Danmark A/S,	Sydvest Energi Holding A/S,
Global Connect A/S,	TDC A/S,
GlobalTel Telecom,	Tele 2 A/S,
GoIP ApS,	Telefin ApS,
Group Networks A/S,	Telegroup network ApS,
HEF,	Telelet A/S,
Hi3G Denmark ApS,	Telia A/S,

Telmore A/S,  
Telogic A/S (Scanweb),  
Telsome ApS,  
Tetranet,  
Tetrastar A/S,  
Timepiece LDA/Universal Telecom,  
Tiscali A/S,  
T-systems Danmark A/S,

UnoTel A/S,  
UpData A/S,  
Utfors Danmark A/S,  
V2Tel A/S,  
Vestnet A/S,  
WEBPARTNER A/S and  
Yes I Hotspot.

Demographic data as well as data on the net price index (NPI) are provided by Statistics Denmark.

The National IT and Telecom Agency has in certain cases adjusted data previously released due to new information received from the telecom providers.

Telecommunications networks and services may be provided by anybody without a preceding licence, registration, or similar. Consequently, reservation is made to the fact that not all providers of networks and services within the Danish telecom market are included in the statistics. Particularly, several providers have been established on the market for internet services and cable modems, i.e. antenna societies, which are not included in the statistics.

## **Explanation of symbols**

- Magnitude nil
- Category not applicable
- \*\* Adjusted due to corrected figures from operators
- ... Data not available

# Hovedtal

## Main figures



Tabel 1

### HOVEDTAL MAIN FIGURES

	Tabel				
	Table	2001	2002	2003	2004
Abonentlinier, fastnet <sup>1</sup> Subscriber lines, fixed network	2	3.864.839	3.700.867	3.612.133**	3.487.836**
Abonentlinier pr. 100 indbyggere, fastnet <sup>1,2</sup> Subscriber lines per 100 inhabitants, fixed network	3	72,0	68,7	66,9	64,5**
xDSL-abonnementer <sup>1</sup> xDSL subscriptions	5	150.173	306.944	473.359	638.121**
Tilmeldinger til brug af forvalgskode (præfix) <sup>1</sup> Registrations for use of carrier selection code	7	2.904.595	2.963.534	2.824.857	1.124.339 <sup>3</sup>
Indlandstrafik, fastnet (1.000 min.) <sup>4</sup> Domestic traffic, fixed network (1,000 minutes)	10	22.740.821	20.341.855**	18.432.221	16.162.672
Udlandstrafik, fastnet (1.000 min.) <sup>4</sup> International traffic, fixed network (1,000 minutes)	11	740.024	660.586**	641.012	619.407
Mobilabonnementer <sup>1</sup> Mobile subscriptions	15	3.960.165 <sup>5</sup>	4.477.845 <sup>5</sup>	4.767.277 <sup>6</sup>	5.167.998 <sup>7</sup>
Mobilabonnementer pr. 100 indbyggere <sup>1,2</sup> Mobile subscriptions per 100 inhabitants	17	73,8 <sup>5</sup>	83,2 <sup>5</sup>	88,3 <sup>6</sup>	95,5 <sup>7</sup>
Indlandstrafik, mobil (1.000 min.) Domestic traffic, mobile network (1,000 minutes)	19	2.799.720	3.349.331	4.015.113	4.988.707
Udlandstrafik, mobil (1.000 min.) International traffic, mobile network (1,000 minutes)	20	129.066	134.823**	148.731	171.470
Sendte SMS-beskeder (1.000) SMS sent (1,000)	21	1.334.298	2.018.892**	3.989.143	6.554.569
Sendte MMS-beskeder (1.000) MMS sent (1,000)	21	•	•	2.759	12.382
Nummerporteringer <sup>8</sup> , fastnet Number portings, fixed network	23	154.032	133.538	130.024	159.750
Nummerporteringer <sup>8</sup> , mobil Number portings, mobile	23	82.589	272.455**	383.624	456.149
Kabel-TV-abonnementer <sup>1</sup> Cable TV subscriptions	26	1.078.483	1.139.854	1.277.777	1.363.517
Kabelmodemabonnementer <sup>1</sup> Cable modem subscriptions	26	87.500	155.375	244.582	345.618**
Internetabonnementer <sup>1</sup> Internet subscriptions	27	2.023.461	2.580.773	2.718.398**	1.682.781** <sup>9</sup>
Internetabonnementer pr. 100 indbyggere <sup>1,2</sup> Internet subscriptions per 100 inhabitants	27	37,7	47,9	50,4	31,1** <sup>9</sup>
Omsætning (mio. kr.) Revenue (DKK million)	33	35.326	34.588	36.420**	38.064

<sup>1</sup> Ultimo året.

End of year.

<sup>2</sup> Demografiske oplysninger er indhentet fra Danmarks Statistik.  
Demographic information is supplied by Statistics Denmark.

<sup>3</sup> Omfatter brug af forvalgskode, der har været aktiv de seneste 3 måneder  
Comprises registrations to use carrier selection code, that has been active during the past 3 months

<sup>4</sup> Afgående trafik.

Outgoing traffic.

<sup>5</sup> Inkluderer taletidskort, der har været aktive de seneste 12 måneder.

Including pre-paid cards that have been active within the last 12 months.

<sup>6</sup> Inkluderer taletidskort, der har været aktive de seneste 6 måneder.

Including pre-paid cards that have been active within the last 6 months.

<sup>7</sup> Inkluderer taletidskort, der har været aktive de seneste 3 måneder.

Including pre-paid cards that have been active within the last 3 months.

<sup>8</sup> Porteringer (til udbyder) inklusive gentagne porteringer.

Portings (to the provider) including repeated portings.

<sup>9</sup> Omfatter internetabonnementer, der har været aktive de seneste 3 måneder.

Comprises internet subscriptions that have been active during the past 3 months.

Anlægsinvesteringer (mio. kr.) Investments (DKK million)	34	10.836 <sup>1</sup>	7.652 <sup>1</sup>	5.607 <sup>**1</sup>	5.722 <sup>1</sup>
Fuldtidsansatte <sup>2</sup> Full-time employees	35	22.405	21.873	20.471	19.753

<sup>1</sup> Bogførte investeringer i UMTS-licenser er ikke inkluderet.  
Posted investments in UMTS-licenses not included.

<sup>2</sup> Ultimo året.  
End of year.

# Fastnet

## Fixed network

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Tabel 2

### ABONNENTLINIER I DANMARK SUBSCRIBER LINES IN DENMARK

Ultimo perioden End of period	2001	2002	2003	2004
Almindelige telefonforbindelser – PSTN Ordinary telephone connections – PSTN	2.769.386	2.679.465	2.618.345	2.551.822**
Kundelænker Switched customer connections	2.600	707	429	...
ISDN-2 ISDN-2	397.846	385.239	367.250	347.199**
Flex-ISDN Flex-ISDN	2.018	2.383	2.676	2.976
ISDN-30 ISDN-30	6.894	6.786	7.169**	6.813**
<b>I alt</b> <b>Total</b>	3.864.839 <sup>1</sup>	3.700.867 <sup>2</sup>	3.612.133** <sup>2</sup>	3.487.836** <sup>2</sup>

Tabel 3

### ABONNENTLINIER SUBSCRIBER LINES

Ultimo perioden End of period	Abonnentlinier <sup>3</sup> Subscriber lines	Tilgang, netto i % Net increase in %	Abonnentlinier pr. 100 indbyggere <sup>4</sup> Subscriber lines per 100 inhabitants
1987	2.771.691	5,5	52,9
1988	2.791.740	0,7	54,6
1989	2.847.873	2,0	55,5
1990	2.911.198	2,2	56,6
1991	2.950.756	1,4	57,6
1992	3.004.944	1,8	58,0
1993	3.059.806	1,8	58,9
1994	3.123.026	2,1	59,9
1995	3.193.412	2,3	61,0
1996	3.251.124	1,8	61,6
1997	3.340.501	2,7	63,1
1998	3.495.858	4,7	65,8
1999	3.638.119	4,1	68,3
2000	3.809.440	4,7	71,2
2001	3.864.839	1,5	72,0
2002	3.700.867	-4,2	68,7
2003	3.612.133**	-2,4	66,9
2004	3.487.836**	-3,4	64,5**

<sup>1</sup> Almindelige telefonforbindelser plus ISDN-2 ganget med 2 plus Flex-ISDN ganget med 12 plus ISDN-30 ganget med 30 plus kundelænker ganget med 26,2.

Total is the sum of ordinary telephone connections plus ISDN-2 weighted by 2 plus Flex-ISDN weighted by 12 plus ISDN-30 weighted by 30 plus switched customer connections weighted by 26.2.

<sup>2</sup> Oplysning om antal abonnentlinier på Flex-ISDN og kundelænker er indhentet fra udbyderne.  
Information about the number of subscriber lines is provided by telecom providers.

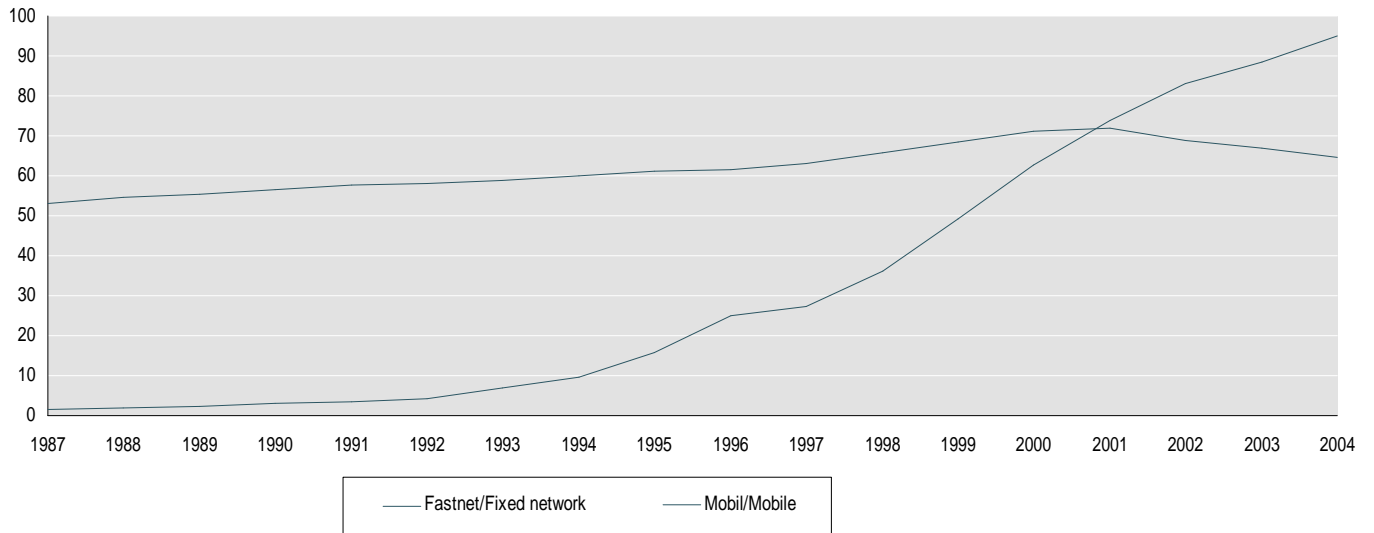
<sup>3</sup> 1987-1996 omfatter kun TDC.

1987-1996: TDC only.

<sup>4</sup> Demografiske oplysninger er indhentet fra Danmarks Statistik.  
Demographic information is supplied by Statistics Denmark.

Figur 1

ABONNEMENTER PR. 100 INBYGGERE, ULTIMO PERIODEN  
SUBSCRIBER LINES PER 100 INHABITANTS, END OF PERIOD



## Fixed network

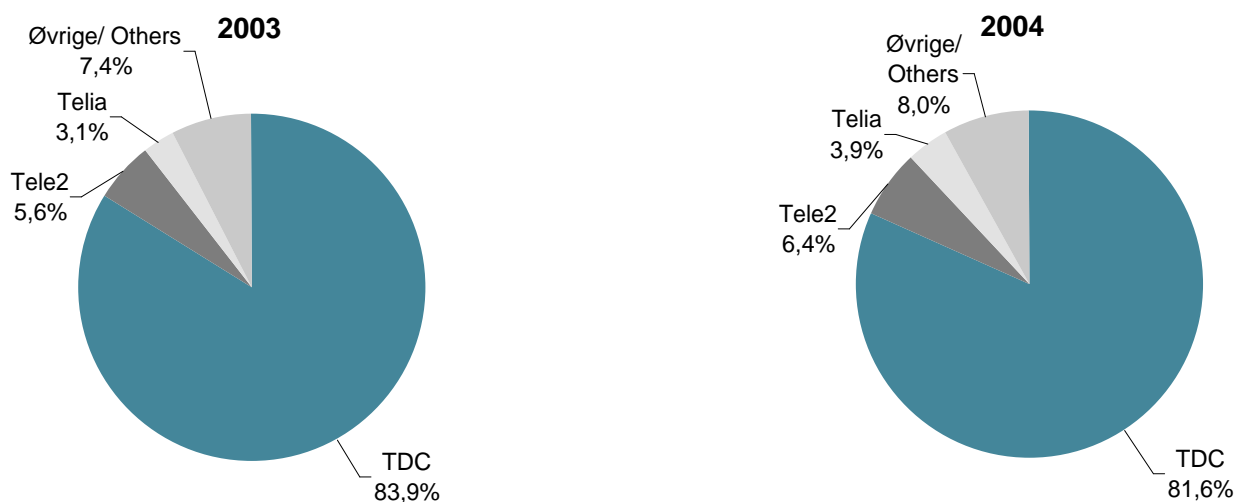
Tabel 4

### ABONNENTLINIER FORDELT PÅ SELSKABER SUBSCRIBER LINES BY COMPANY

Ultimo perioden End of period	Abonentlinier Subscriber lines				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
TDC	3.420.189	3.217.564	3.031.617	2.845.630	88,5%	86,9%	83,9%	81,6%
Tele 2	111.409	141.876	202.967	224.441	2,9%	3,8%	5,6%	6,4%
Telia	65.668	90.473	110.577	137.155	1,7%	2,4%	3,1%	3,9%
Øvrige <sup>1</sup> Others	267.574	250.955	266.972**	280.610	6,9%	6,8%	7,4%	8,0%
<b>I alt</b> <b>Total</b>	<b>3.864.839</b>	<b>3.700.867</b>	<b>3.612.133**</b>	<b>3.487.836**</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

Figur 2

### ABONNENTLINIER FORDELT PÅ SELSKABER SUBSCRIBER LINES BY COMPANY



## Fastnet Fixed network

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<sup>1</sup> Øvrige/others (2001): A+ Telecom, BaneDanmark, butlerNetworks, Colt, Debitel, Den Lokale Andels Tele & Energiselskab (DTE), Elrotel, Facilicom, LIC, Link Telecom, Optimal Telecom, Orange, Song Networks, Sonofon, Telelet, Ventelo Danmark og Worldcom Telecommunications.

Øvrige/others (2002): A+ Telecom, AXITI, BaneDanmark, BT Global Networks, Colt, Consorte, Debitel, Elrotel, Intercitynet, Kabelnettet.dk, LIC, Link Telecom, Orange, Prime Networks, Song Networks, Sonofon, Telelet, Telogic, og Utfors.

Øvrige/others (2003): A+ Telecom, AXITI, BaneDanmark, BT Global Networks, Cirque, Colt, Comflex, Consorte, Debitel, DETele, Elrotel, Facilicom, Group Networks, Kabelnettet.dk, LIC, Orange, Prime Networks, Song Networks, Sonofon, TeleJylland, Telelet, Telogic og Utfors.

Øvrige/others (2004): Arrownet, A+ Telecom, AXITI, BaneDanmark, Cirque, Colt, Comflex, ComX, Consorte, Dansk Bredbånd, Debitel, DETele, DLG Tele, Elrotel, Facilicom, Fonet, Group Networks, Jay.net, LIC, Orange, PGOne, Prime Networks, Song Networks, Sonofon, Sydfyns Elforsyning, Telelet, Telogic, T-systems, Unotel og Utfors.

Tabel 5

xDSL-ABONNEMENTER<sup>1</sup>  
xDSL SUBSCRIPTIONS

Ultimo perioden End of period	2001	2002	2003	2004
Downstream kapacitet 512 kbit/s eller mindre Downstream capacity 512 kbit/s or less	125.104	252.479	366.740	432.138**
Downstream kapacitet fra over 512 kbit/s til og med 1 Mbit/s Downstream capacity from more than 512 kbit/s up to 1Mbit/s	14.340	29.423	57.778	48.454**
Downstream kapacitet over 1Mbit/s til og med 2Mbit/s Downstream capacity from more than 1Mbit/s up to 2Mbit/s	7.888	24.416	42.847	126.909**
Downstream kapacitet over 2Mbit/s Downstream capacity from more than 2Mbit/s	51	626	5.994	30.620**
Øvrige <sup>2</sup> Others	2.790	-	-	-
<b>xDSL-abonnementer i alt</b> <b>xDSL subscriptions in total</b>	<b>150.173</b>	<b>306.944</b>	<b>473.359</b>	<b>638.121**</b>

Tabel 6

xDSL-ABONNEMENTER FORDELT PÅ SELSKABER  
xDSL SUBSCRIPTIONS BY COMPANY

Ultimo perioden End of period	xDSL-abonnementer xDSL subscriptions				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
Cybercity	19.523	29.569	44.541	77.224	13,0%	9,6%	9,4%	12,1%
TDC	110.454	249.033	372.677	474.388	73,6%	81,1%	78,7%	74,3%
Tele 2	-	2.034	23.422	39.185	0,0%	0,7%	4,9%	6,1%
Tiscali	16.838	19.651	22.228	25.964	11,2%	6,4%	4,7%	4,1%
Øvrige <sup>3</sup> Others	3.358	6.657	10.491	21.360**	2,2%	2,2%	2,2%	3,3%
<b>I alt</b> <b>Total</b>	<b>150.173</b>	<b>306.944</b>	<b>473.359</b>	<b>638.121**</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

<sup>1</sup> Inkl. TDC's abonnementer leveret via bit-stream.

TDC's subscriptions provided via bit stream included.

<sup>2</sup> xDSL-abonnementer ikke fordelt på downstream kapacitet.

xDSL subscriptions not divided into downstream capacity.

<sup>3</sup> Øvrige/others (2001): Bo Data og WEBPARTNER.

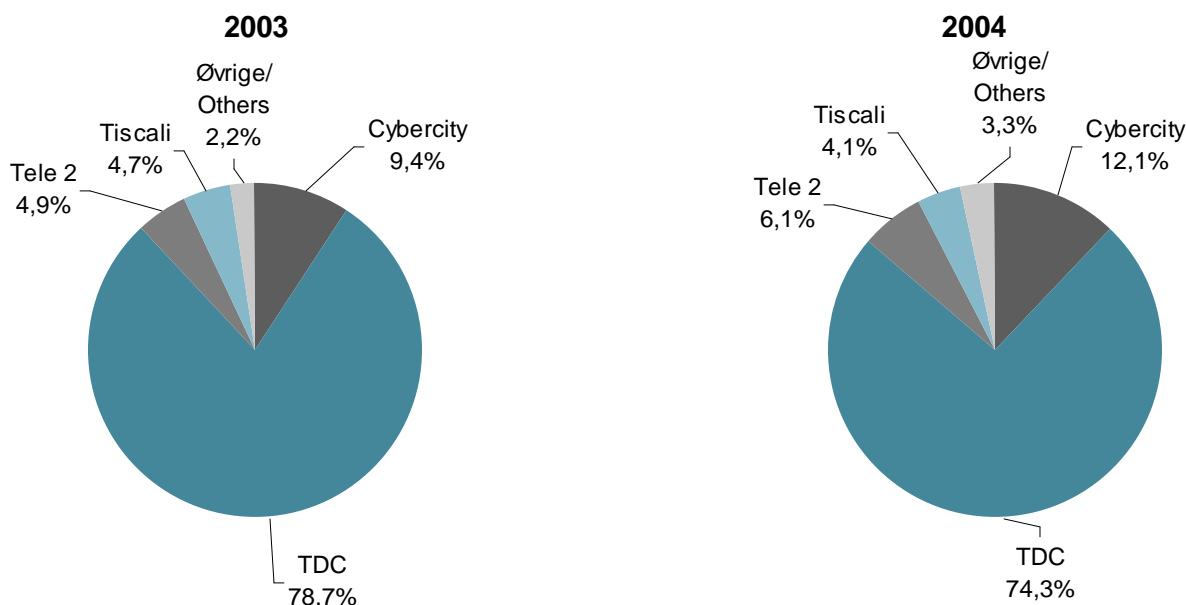
Øvrige/others (2002): Bo Data, BT Global Networks, Ishøj Internet Support, Song Networks, Telia, UpData, og WEBPARTNER.

Øvrige/others (2003): Bo Data, BT Global Networks, Ishøj Internet Support, Mira Internet, Orange, Song Networks, Sonofon, TeleJylland, Telia, UpData, Vestnet og WEBPARTNER.

Øvrige/others (2004): A+Telecom, Bo Data, BoligNet, Colt, Comflex, Elrotel, Equant, Ishøj Internet Support, Jay.net, KE Tele, LIC, Mira Internet, Orange, Song Networks, Sonofon, Telia, UpData, Unotel, Utfors, Vestnet og WEBPARTNER.

Figur 3

xDSL-ABONNEMENTER FORDELT PÅ SELSKABER  
xDSL SUBSCRIPTIONS BY COMPANY



Tabel 7

FRIT OPERATØRVALG – TILMELDINGER TIL BRUG AF FORVALGSKODE TIL TELEFONI ELLER  
OPKALD TIL INTERNET  
CARRIER SELECTION CODES – REGISTRATIONS TO CARRIER SELECTION CODE FOR TELEPHONY  
OR INTERNET CONNECTION

Ultimo perioden End of period	2001	2002	2003	2004
Fast operatørvalg Carrier pre-selection	1.041.418	904.861	917.366**	
Fast operatørvalg – aktive seneste 6 måneder Carrier pre-selection – active last 6 months	...	685.350**	765.364	575.682**
-Heraf aktive seneste 3 måneder -Of which active last 3 months	...	...	...	564.009**
Operatørvalg Call-by-call carrier selection	1.863.177	2.058.673	1.907.492**	
Operatørvalg <sup>1</sup> – aktive seneste 6 måneder Call-by-call carrier selection – active last 6 months	...	725.874	672.282	631.863**
-Heraf aktive seneste 3 måneder -Of which active last 3 months	...	...	...	554.966**
<b>Tilmeldte A-numre i alt Registrations in total</b>	<b>2.904.595</b>	<b>2.963.534</b>	<b>2.824.857</b>	<b>1.124.339**<sup>2</sup></b>

<sup>1</sup> Et fastnetabonnement kan være tilmeldt brug af forvalgskode hos flere forskellige udbydere.

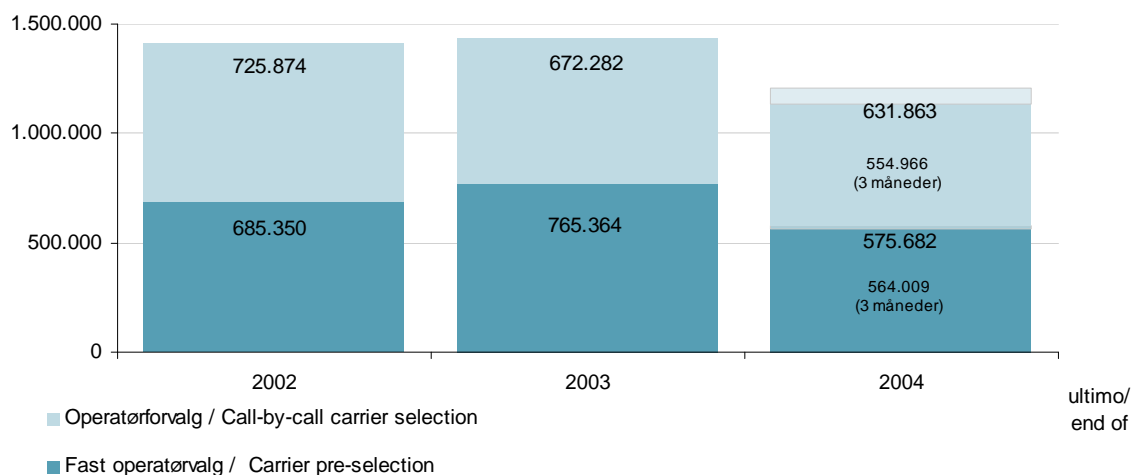
A fixed line subscription can be registered to use carrier selection code with several providers.

<sup>2</sup> Omfatter kun tilmeldinger, der har været aktive indenfor de seneste 3 måneder.

Including only registrations that have been active within the past 3 months.

Figur 4

TILMELDINGER TIL FRIT OPERATØRVALG<sup>1</sup>  
REGISTRATIONS TO CARRIER SELECTION CODE



Tabel 8

FRIT OPERATØRVALG FORDELT PÅ SELSKABER  
CARRIER SELECTION CODES BY COMPANY

Ultimo perioden End of period	Tilmeldinger til brug af forvalgskode Registrations to carrier selection code				Markedsandele Market shares			
	2001	2002	2003	2004 <sup>2</sup>	2001	2002	2003	2004 <sup>2</sup>
ACN	35.453	40.622	62.626	76.210**	1,2%	2,9%	4,4%	6,8%
Cybercity	112.232	107.918	104.019	30.166	3,9%	4,4%	3,4%	2,7%
Orange	284.692	289.954	281.488	146.917	9,8%	7,4%	10,7%	13,1%
Song Networks	129.728	112.244	92.561	106.788	4,5%	8,0%	6,4%	9,5%
Sonofon	163.030	230.047	238.456	86.607	5,6%	16,3%	16,6%	7,7%
Tele 2	988.577	934.988	994.418	393.870	34,0%	29,3%	29,1%	35,0%**
Telia	391.549	494.124	243.406	71.123	13,5%	12,3%	11,4%	6,3%
Tiscali	432.694	462.576	522.875	59.208	14,9%	9,0%	8,0%	5,3%
Øvrige <sup>3</sup>	366.640**	147.363**	144.779**	153.450**	12,6%	10,4%	10,1%	13,6%**
Others								
<b>I alt</b>	2.904.595	2.963.534	2.824.857	1.124.339**	100%	100%	100%	100%
<b>Total</b>								

<sup>1</sup> Omfatter kun tilmeldinger, der har været aktive indenfor de seneste 6 måneder.

Including only registrations that have been active within the past 6 months.

<sup>2</sup> Omfatter kun tilmeldinger, der har været aktive indenfor de seneste 3 måneder.

Including only registrations that have been active within the past 3 months.

<sup>3</sup> Øvrige/others (2001): A+ Telecom, ACN, Cirque, Debitel, EURO909.dk, Equant, Facilicom, Kommunikation, Link Telecom, Mira Internet, Primus Telecommunications, SuperTel, Tele1000, TJ Group, Ventelo Danmark og Worldcom Telecommunications.

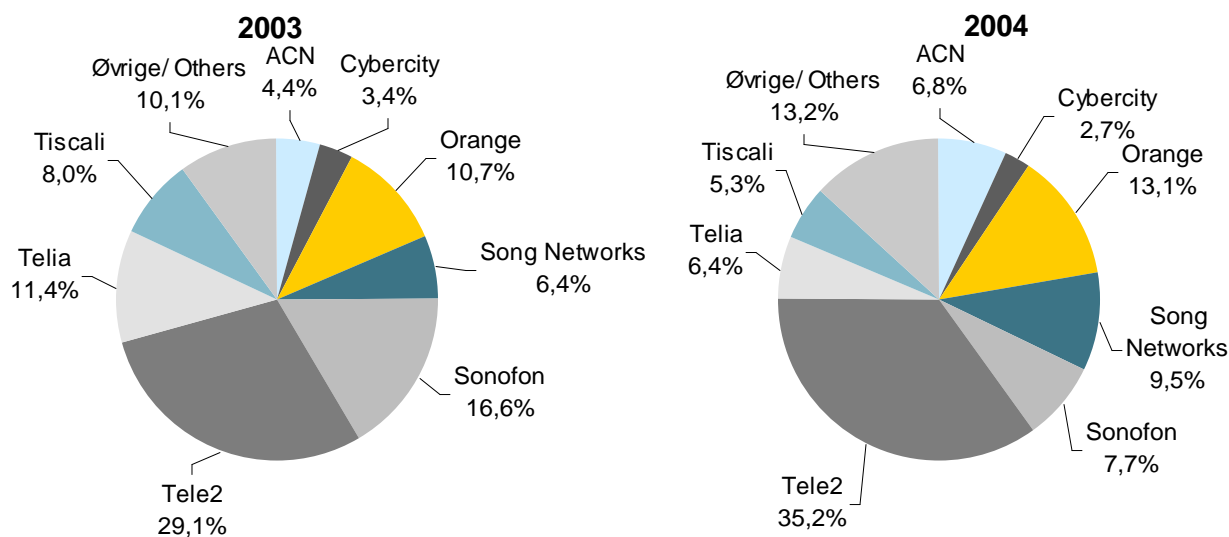
Øvrige/others (2002): A+ Telecom, ACN, Cirque, COLT Telecom, Debitel, Equant, Facilicom, Kabelnettet.dk, Link Telecom, Mira Internet, Prime Networks, Primus Telecommunications, SuperTel, TJ Group, Timepiece LDA/Universal Telecom og Worldcom Telecommunications.

Øvrige/others (2003): A+ Telecom, ACN, Alpha Telecom, Cirque, COLT Telecom, Debitel, DETele, Equant, Facilicom, Mira Internet, Prime Networks, Primus Telecommunications, SuperTel, Timepiece LDA/Universal Telecom og Worldcom Telecommunications.

Øvrige/others (2004): A+ Telecom, ACN, Axti, Cirque, COLT Telecom, ComX, Comflex, Debitel, DETele, Equant, Facilicom, Mira Internet, PGOne, Powerline, Prime Networks, Primus Telecommunications, SuperTel, Telegroup Networks, Timepiece LDA/Universal Telecom og Worldcom Telecommunications.

Figur 5

TILMELDINGER TIL BRUG AF FORVALGSKODE FORDELT PÅ SELSKABER  
REGISTRATIONS TO CARRIER SELECTION CODE BY COMPANY



Tabel 9

AFGÅENDE TRAFIK I ALT  
OUTGOING TRAFFIC IN TOTAL

1.000 minutter 1,000 minutes	2001	2002	2003	2004
Afgående indlandstrafik Outgoing domestic traffic	22.740.821	20.341.855**	18.432.221	16.162.672
Afgående udlandstrafik Outgoing international traffic	740.024	660.586**	641.012	619.407
<b>Afgående trafik i alt<sup>1</sup></b> <b>Outgoing traffic in total</b>	<b>23.480.844</b>	<b>21.002.441**</b>	<b>19.073.233**</b>	<b>16.782.080</b>

<sup>1</sup> Statistikken omfatter udelukkende opkald foretaget fra slutbrugere via fastnettet. Statistikken inkluderer således ikke trafik fra mobilnet, der transiteres via TDC's net. Trafik fra andre fastnet, der transiteres via TDC's net, indberettes ikke af flere udbydere.  
The statistics only includes calls made by subscribers on the fixed network. Thus, transit traffic from mobile networks via TDC's network is not included. Transit traffic from other fixed networks via TDC's network is not registered more than once.

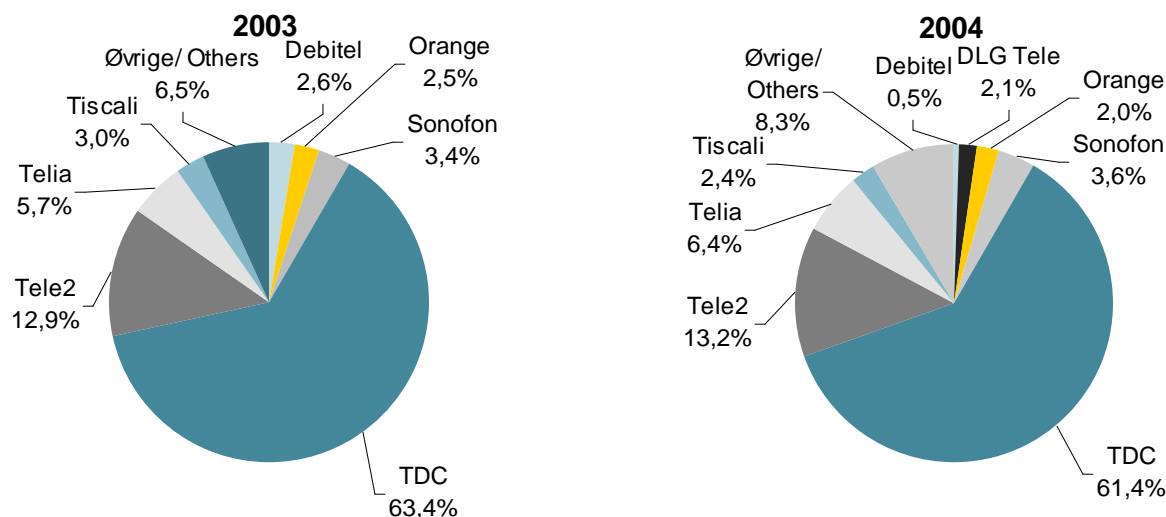
Tabel 10

INDLANDSTRAFIK FORDELT PÅ SELSKABER  
DOMESTIC TRAFFIC BY COMPANY

1.000 minutter 1,000 minutes	Afgående trafik Outgoing traffic				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
Debitel	375.035	464.622	471.675	82.102	1,6%	2,3%	2,6%	0,5%
DLG Tele	-	-	-	343.591	-	-	-	2,1%
Orange	716.480	635.757	459.613	326.052	3,2%	3,1%	2,5%	2,0%
Sonofon	380.141	560.511	617.897	576.842	1,7%	2,8%	3,4%	3,6%
TDC	14.413.100	13.121.469	11.677.919	9.917.925	63,4%	64,5%	63,4%	61,4%
Tele 2	2.872.277	2.460.118	2.385.671	2.140.041	12,6%	12,1%	12,9%	13,2%
Telia	1.071.527	1.092.893	1.052.650	1.041.028	4,7%	5,4%	5,7%	6,4%
Tiscali	1.022.313	779.952	559.848	389.469	4,5%	3,8%	3,0%	2,4%
Øvrige <sup>1</sup>	1.889.947	1.226.532**	1.206.948	1.345.622	8,3%	6,0%	6,5%	8,3%
<b>I alt Total</b>	<b>22.740.821</b>	<b>20.341.855**</b>	<b>18.432.221</b>	<b>16.162.672</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

Figur 6

INDLANDSTRAFIK FORDELT PÅ SELSKABER  
DOMESTIC TRAFFIC BY COMPANY



<sup>1</sup> Øvrige/others (2001): ACN Denmark, BaneDanmark, Cirque, Cybercity, Debitel, Den Lokale Andels Tele & Energiselskab (DTE), Dublyooh, Elrotel, Euro909.dk, Facilicom, Kommunikation, LIC, Link Telecom, Optimal Telecom, Primus Telecommunications, RSL Com., SuperTel, Tele1000, Ventelo Danmark og Worldcom Telecommunications.  
 Øvrige/others (2002): A+ Telecom, ACN Denmark, AXITI, BaneDanmark, BT Global Networks, Cirque, COLT Telecom, Cybercity, Debitel, Elrotel, Equant, Facilicom, Kabelnettet.dk, LIC, Link Telecom, Mira, Prime Networks, Primus Telecommunications, SuperTel, Telelet, Telogic, Timepiece LDA/Universal Telecom, TJ Group og Worldcom Telecommunications.  
 Øvrige/others (2003): A+ Telecom, ACN Denmark, Alpha Telecom, AXITI, BaneDanmark, BT Global Networks, Cirque, COLT Telecom, Comflex, Cybercity, Debitel, DETele, Elrotel, Equant, Facilicom, Group Networks, Kabelnettet.dk, LIC, Mira, Prime Networks, Primus Telecommunications, Song Networks, SuperTel, TeleJylland, Telelet, Telogic, Timepiece LDA/Universal Telecom og Worldcom Telecommunications.  
 Øvrige/others (2004): Arrownet, A+ Telecom, ACN Denmark, AXITI, BaneDanmark, BT Global Networks, Cirque, COLT Telecom, Comflex, ComX, Cybercity, Dansk Bredbånd, Debitel, DETele, DLG Tele, Easy Web Com, Elrotel, Equant, Facilicom, Fonet, GolP, Group Networks, LIC, Mira, Musimi, PGOne, Powerline, Prime Networks, Primus Telecommunications, Redspot, SEAS NVE, Song Networks, SuperTel, Sydvest Elforsyning, Telefin, Telegroup Networks, Telelet, Telogic, Telsome, Timepiece LDA/Universal Telecom, Unotel, V2Tele, YES I HOTSPOT og Worldcom Telecommunications.

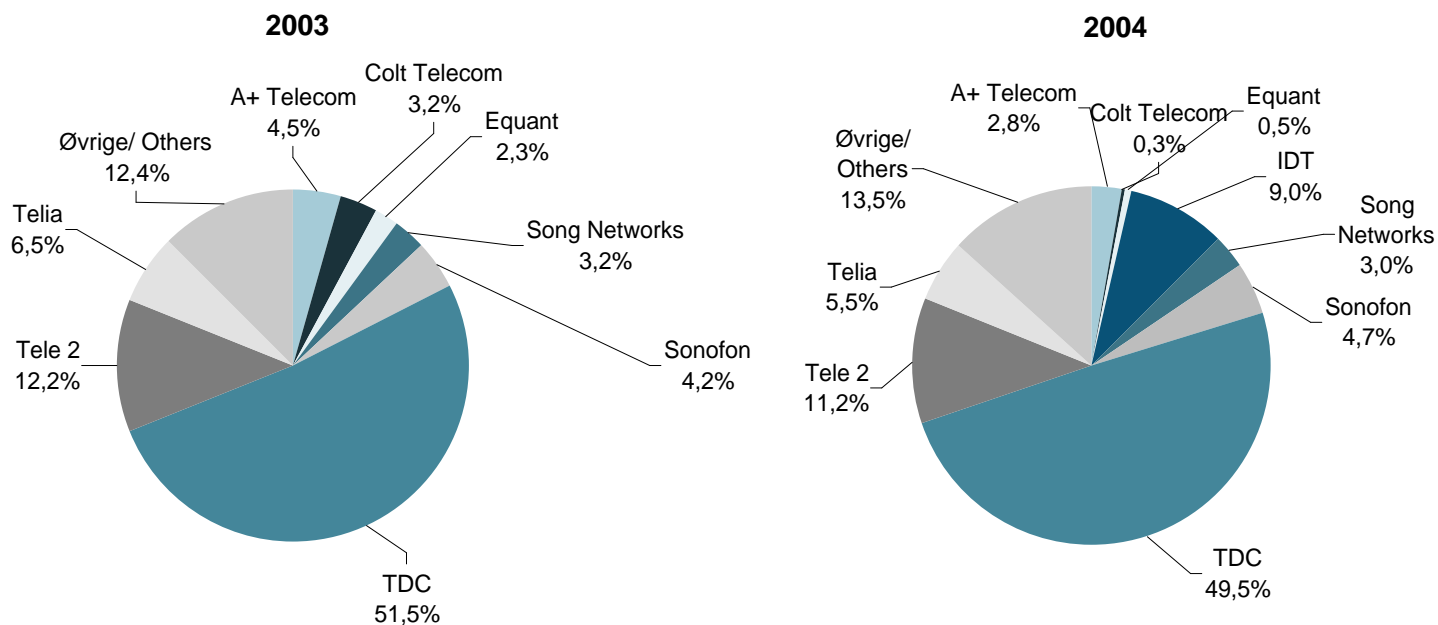
Tabel 11

UDLANDSTRAFIK FORDELT PÅ SELSKABER  
INTERNATIONAL TRAFFIC BY COMPANY

1.000 minutter 1,000 minutes	Udlandstrafik International traffic				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
A+Telecom	62.724	52.762	28.696	17.139	8,5%	8,0%	4,5%	2,8%
COLT Telecom	-	4.087	20.309	1.884	0,0%	0,6%	3,2%	0,3%
Equant	49.100	41.312	14.756	3.253	6,6%	6,3%	2,3%	0,5%
IDT	...	...	...	55.684	...	...	...	9,0%
Song Networks	30.195	18.090	20.535	18.315	4,1%	2,7%	3,2%	3,0%
Sonofon	19.440	22.165	27.171	29.297	2,6%	3,4%	4,2%	4,7%
TDC	364.235	351.899	330.118	306.794	49,2%	53,3%	51,5%	49,5%
Tele 2	86.083	75.617	77.970	69.612	11,6%	11,4%	12,2%	11,2%
Telia	46.286	47.076	41.877	34.038	6,3%	7,1%	6,5%	5,5%
Øvrige <sup>1</sup>	81.961	47.576**	79.578	83.392	11,1%	7,2%	12,4%	13,5%
Others								
<b>I alt</b>	740.024	660.586**	641.012	619.407	100%	100%	100%	100%
<b>Total</b>								

Figur 7

UDLANDSTRAFIK FORDELT PÅ SELSKABER  
INTERNATIONAL TRAFFIC BY COMPANY



<sup>1</sup> Øvrige/others (2001): ACN Denmark, BaneDanmark, Cirque, Cybercity, Debitel, Den Lokale Andels Tele & Energiselskab (DTE), Dublyooh, Euro909/TelePartner, Elrotel, Kommunikation, Facicom, LIC, Link Telecom, Optimal Telecom, Orange, Primus Telecommunications, RSL Com., SuperTel, Tele1000 og Worldcom Telecommunications.

Øvrige/others (2002): ACN Denmark, AXITI, BaneDanmark, BT Global Networks, Cirque, Debitel, Den Lokale Andels Tele & Energiselskab (DTE), Elrotel, Facicom, Kabelnettet.dk, LIC, Link Telecom, Orange, Primus Telecommunications, SuperTel, Telogic, Timepiece LDA/Universal Telecom og Worldcom Telecommunications.

Øvrige/others (2003): ACN Denmark, Alpha Telecom, AXITI, BaneDanmark, BT Global Networks, Cirque, Debitel, DETele, Facicom, Group Networks, Kabelnettet.dk, LIC, Orange, Prime Networks, Primus Telecommunications, SuperTel, TeleJylland, Telogic og Timepiece LDA/Universal Telecom.

Øvrige/others (2004): Arrownet, A+ Telecom, ACN Denmark, AXITI, BaneDanmark, BT Global Networks, Cirque, COLT Telecom, Comflex, ComX, Cybercity, Dansk Bredbånd, Debitel, DETele, DLG Tele, Easy Web Com, Elrotel, Facicom, Fonet, GoIP, Group Networks, LIC, Musimi, PGOne, Prime Networks, Primus Telecommunications, Redspot, SEAS NVE, Song Networks, SuperTel, Sydvest Elforsyning, Telefin, Telegroup Networks, Telogic, Telsome, Timepiece LDA/Universal Telecom og V2Tele,

Tabel 12

UDLANDSTRAFIK FORDELT PÅ DESTINATION  
INTERNATIONAL TRAFFIC BY DESTINATION

Til To	Fra fastnet From fixed network			Fra mobil From mobile		
	2002	2003	2004	2002	2003	2004
Belgien	...	...	1,6%	...	...	1,7%
Estland	...	...	0,3%	...	...	0,3%
Finland	...	...	1,6%	...	...	2,3%
Frankrig og Monaco	...	...	3,8%	...	...	4,5%
Færøerne	...	...	1,6%	...	...	1,3%
Grækenland	...	...	0,5%	...	...	0,6%
Grønland	...	...	1,0%	...	...	1,0%
Holland	...	...	3,5%	...	...	3,6%
Irland	...	...	0,8%	...	...	0,6%
Island	...	...	0,8%	...	...	0,8%
Italien (incl. Vatikanstaten)	...	...	2,1%	...	...	2,4%
Letland	...	...	0,3%	...	...	0,4%
Litauen	...	...	0,4%	...	...	0,6%
Luxembourg	...	...	0,5%	...	...	0,3%
Norge	...	...	10,0%	...	...	9,4%
Polen	...	...	2,0%	...	...	3,0%
Portugal	...	...	0,3%	...	...	0,5%
Rusland og Kasakhstan	...	...	0,7%	...	...	0,6%
Schweiz	...	...	1,6%	...	...	1,2%
Spanien	...	...	2,3%	...	...	2,8%
Storbritannien	...	...	10,5%	...	...	8,8%
Sverige	...	...	19,2%	...	...	20,6%
Tyrkiet	...	...	1,4%	...	...	2,2%
Tyskland	...	...	15,2%	...	...	15,7%
Østrig	...	...	0,9%	...	...	1,2%
Øvrige Europa	...	...	3,8%	...	...	3,7%
<b>Europa i alt</b>	<b>87,2%</b>	<b>83,5%</b>	<b>86,6%</b>	<b>91,6%</b>	<b>90,9%</b>	<b>90,0%</b>
<b>Europe in total</b>						
<b>Afrika i alt</b>	<b>1,1%</b>	<b>2,6%</b>	<b>1,5%</b>	<b>1,1%</b>	<b>1,3%</b>	<b>1,3%</b>
<b>Africa in total</b>						
Canada	...	...	0,8%	...	...	0,3%
USA	...	...	5,7%	...	...	4,4%
Øvrige Nordamerika og Sydamerika	...	...	0,7%	...	...	0,4%
<b>Amerika i alt</b>	<b>7,6%</b>	<b>8,3%</b>	<b>7,2%</b>	<b>3,8%</b>	<b>4,5%</b>	<b>5,1%</b>
<b>America in total</b>						
Japan	...	...	0,2%	...	...	0,2%
Kina og Hong Kong	...	...	0,8%	...	...	0,8%
Thailand	...	...	0,4%	...	...	0,5%
Øvrige Asien	7,6%	8,3%	2,5%	3,8%	4,5%	1,7%
<b>Asien i alt</b>	<b>3,3%</b>	<b>4,3%</b>	<b>4,0%</b>	<b>3,1%</b>	<b>2,8%</b>	<b>3,2%</b>
<b>Asia in total</b>						
Australien	...	...	0,6%	...	...	0,4%
Øvrige Oceanien	...	...	0,2%	...	...	0,1%
<b>Oceanien i alt</b>	<b>0,8%</b>	<b>1,4%</b>	<b>0,7%</b>	<b>0,4%</b>	<b>0,4%</b>	<b>0,5%</b>
<b>Oceania in total</b>						
<b>Afgående trafik i alt</b>	<b>100,0%</b>	<b>100,0%</b>	<b>100,0%</b>	<b>100,0%</b>	<b>100,0%</b>	<b>100,0%</b>
<b>Outgoing traffic in total</b>						

Tabel 13

OFFENTLIGE BETALINGSTELEFONER  
PUBLIC PAYPHONES

Ultimo perioden End of period	
1988	6.135
1989	6.390
1990	6.595
1991	7.431
1992	8.473
1993	8.761
1994	8.293
1995	8.084
1996	7.950
1997	7.938
1998	7.765
1999	6.275
2000	5.909
2001	5.930
2002	5.700
2003	5.423
2004	4.435

Tabel 14

BREDBÅND<sup>1</sup> - ABONNEMENTER  
BROADBAND - SUBSCRIPTIONS

	2001	2002	2003	2004
xDSL	150.173	306.944	473.359	638.121
Kabelmodem mindst 144kbit/s Cable modem minimum capacity of 144 kbit/s	87.500 <sup>2</sup>	133.548	194.330	279.635
Kabelmodem under 144 kbit/s Cable modem less than 144 kbit/s	...	21.827	50.252	65.983
FWA	...	1.215 <sup>**3</sup>	2.341 <sup>4</sup>	3.654 <sup>4</sup>

<sup>1</sup> Kapacitet på mindst 144 kbit/s.

Minimum capacity of 144 kbit/s.

<sup>2</sup> Omfatter også kabelmodems med kapacitet mindre end 144 kbit/s.

Including cable modems with a capacity of less than 144 kbit/s.

<sup>3</sup> FWA-tilladelseshavernes egne slutbrugerabonnementer og slutbrugerabonnementer via net- og tjenesteudbydere.

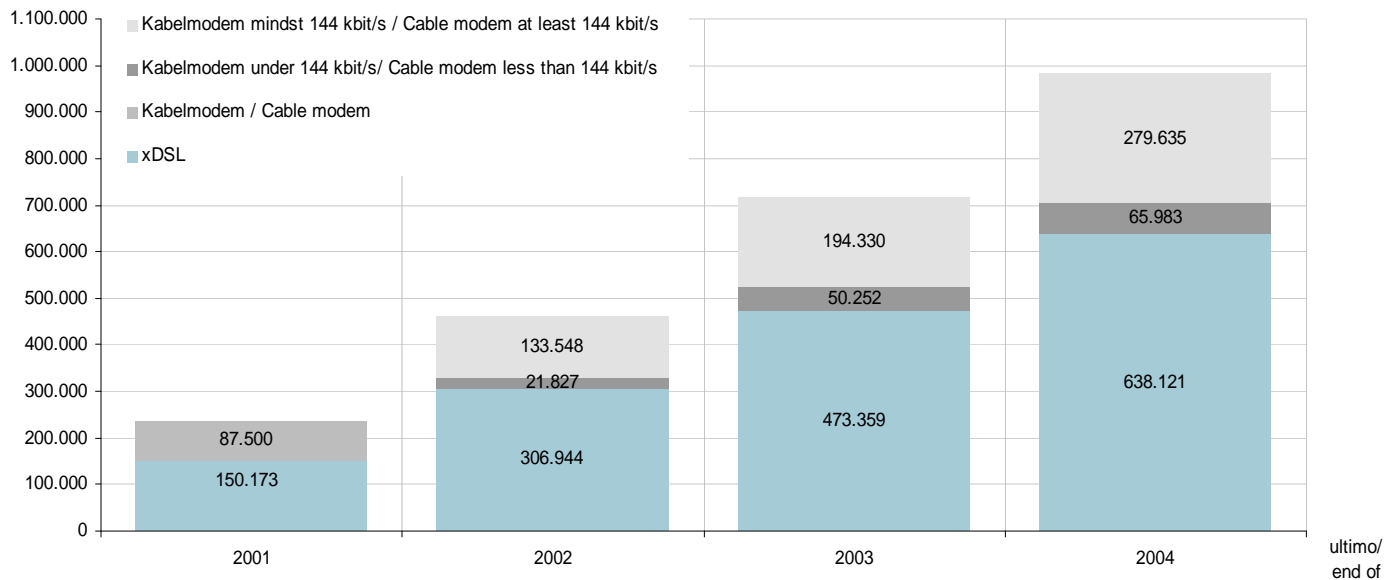
FWA licensees' own end-users and end-users via net and service providers.

<sup>4</sup> Idriftsatte forbindelser solgt af tilladelseshaverne til tjenesteudbydere mhp. videresalg (en gros) eller til egne slutbrugere, evt. via anden afdeling eller datterselskab.

Connections in operation sold by licencees to service providers with the purpose of resale (wholesale), or to own end-users, possibly via separate division or subsidiary

Figur 8

KABELMODEM- OG xDSL-ABONNEMENTER  
SUBSCRIPTIONS TO CABLE MODEM AND xDSL



# Mobiltelefoni

## Mobile telephony

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Tabel 15

### MOBILABONNEMENTER FORDELT PÅ SELSKABER

### MOBILE SUBSCRIPTIONS BY COMPANY

Ultimo perioden End of period	Abonnementer Subscriptions				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
<b>NMT</b>								
TDC	18.238	•	•	•	•	•	•	•
<b>GSM<sup>1</sup></b>								
3	...	...	3.425	124.674	...	...	0,1%	2,4%
CBB Mobil <sup>2</sup>	20.888	82.842	191.639	190.189	0,5%	1,9%	4,0%	3,7%
Debitel	270.838 <sup>3</sup>	269.385 <sup>3</sup>	327.609 <sup>3</sup>	277.781	6,8% <sup>3</sup>	6,0% <sup>3</sup>	6,9% <sup>3</sup>	5,4%
DLG Tele <sup>4</sup>	...	...	...	37.389	...	...	...	0,7%
Orange	608.107	555.524	577.732	629.417	15,4%	12,4%	12,1%	12,2%
Sonofon	940.453	1.102.987	1.042.245	1.096.019	23,7%	24,6%	21,9%	21,2%
TDC	1.664.175**	1.661.938	1.561.861	1.623.373	42,0%	37,1%	32,8%	31,4%
Telia	291.311	465.845	494.077	480.103	7,4%	10,4%	10,4%	9,3%
Telmore <sup>5</sup>	69.239	206.004	453.815	515.014	1,7%	4,6%	9,5%	10,0%
Øvrige <sup>6</sup>	95.154	133.320	114.874	194.039	2,4%	3,0%	2,4%	3,8%
Others								
<b>GSM i alt<sup>1</sup></b>	3.941.927 <sup>7</sup>	4.477.845 <sup>7</sup>	4.767.277 <sup>8</sup>	5.167.998 <sup>9</sup>	100%	100%	100%	100%
<b>GSM total</b>								
- heraf GPRS <sup>10</sup>	•	26.852	927.480	2.093.432	•	•	•	•
- of which GPRS								
<b>Abonnementer i alt</b>	3.960.165	4.477.845	4.767.277	5.167.998	•	•	•	•
<b>Subscriptions in total</b>								

<sup>1</sup> Inklusive GPRS-abonnementer og aktive taletidskort.  
Comprises subscriptions to GPRS and active pre-paid cards.

<sup>2</sup> CBB ejes af Sonofon.  
CBB is owned by Sonofon.

<sup>3</sup> Inklusive DLG Tele.  
Including DLG Tele.

<sup>4</sup> DLG Tele ejes ligeligt af Debitel og DLG a.m.b.a.  
DLG Tele is equally owned by Debitel and DLG a.m.b.a.

<sup>5</sup> Telmore ejes af TDC.  
Telmore is owned by TDC.

<sup>6</sup> Øvrige/others (2001): Dublyooh, Elrotel, Euro909, Link Telecom, Song Networks, Tele 2, Tiscali og Ventelo Danmark.

Øvrige/others (2002): A+ Telecom, AXITI, BT Global Networks, Elrotel, Kommunikation, LIC, Link Telecom, Song Networks, Tele 2, Telogic og Tiscali.

Øvrige/others (2003): A+ Telecom, AXITI, BT Global Networks, Elrotel, Facilicom, LIC, Smart Konzept, Song Networks, Tele 2 og Telogic.

Øvrige/others (2004): A+ Telecom, AXITI, BT Global Networks, Elrotel, Facilicom, L'easy, LIC, M1, Smart Konzept, Song Networks, Starman, Tele 2, Telogic og Unotel.

<sup>7</sup> Inklusive taletidskort, der har været aktive indenfor de seneste 12 måneder.  
Comprises pre-paid cards that has been active within the past 12 months.

<sup>8</sup> Inklusive taletidskort, der har været aktive indenfor de seneste 6 måneder.  
Comprises pre-paid cards that has been active within the past 6 months.

<sup>9</sup> Inklusive taletidskort, der har været aktive indenfor de seneste 3 måneder.  
Comprises pre-paid cards that has been active within the past 3 months.

<sup>10</sup> GPRS-abonnementer og GPRS som tillægstjeneste til GSM-abonnementer.  
GPRS subscriptions and GPRS as supplementary service to GSM subscriptions.

# Mobiltelefoni

## Mobile telephony

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Tabel 16

### TALETIDSKORT PRE-PAID CARDS

Ultimo perioden End of period	Abonnementer Subscriptions			
	2001	2002	2003	2004
<b>GSM i alt<sup>1</sup></b>	3.941.927 <sup>2</sup>	4.477.845 <sup>2</sup>	4.767.277 <sup>3</sup>	5.167.998 <sup>4</sup>
<b>GSM total</b>				
- heraf aktive taletidskort (12 mdr.) - of which active pre-paid cards (12 months)	1.473.871 <sup>5</sup>	1.354.376 <sup>5</sup>	...	...
- - heraf aktive taletidskort (6 mdr.) - - of which active pre-paid cards (6 months)	1.233.734 <sup>5</sup>	1.070.715 <sup>5</sup>	1.117.962 <sup>6</sup>	...
- - heraf aktive taletidskort (3 mdr.) - - of which active pre-paid cards (3 months)	...	...	...	1.012.648 <sup>6</sup>

<sup>1</sup> Inklusive GPRS-abonnementer og aktive taletidskort.

Comprises subscriptions to GPRS and active pre-paid cards.

<sup>2</sup> Inklusive taletidskort, der har været aktive indenfor de seneste 12 måneder.

Comprises pre-paid cards that has been active within the past 12 months.

<sup>3</sup> Inklusive taletidskort, der har været aktive indenfor de seneste 6 måneder.

Comprises pre-paid cards that has been active within the past 6 months.

<sup>4</sup> Inklusive taletidskort, der har været aktive indenfor de seneste 3 måneder.

Comprises pre-paid cards that has been active within the past 3 months.

<sup>5</sup> Ved aktivt taletidskort forstås taletidskort, hvorpå der inden for de seneste 12 hhv. 6 måneder har været foretaget udgående opkald eller "genopfyldning"

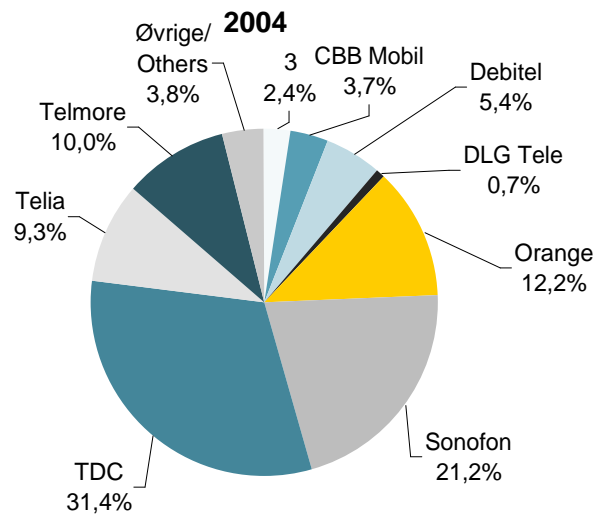
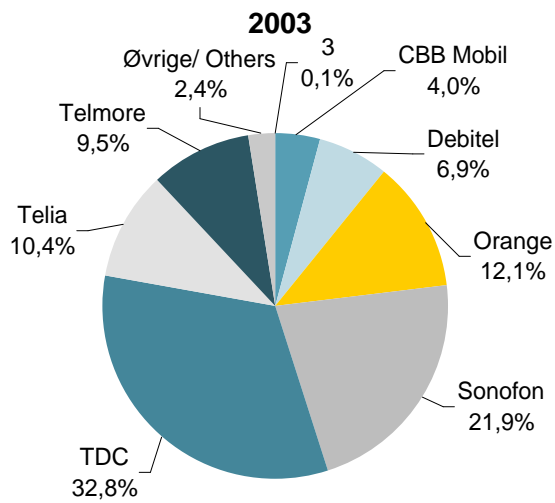
A pre-paid card is defined as active if there has been outgoing calls from the telephone (the pre-paid card) or reloads of the pre-paid card within the last 12 resp. 6 months.

<sup>6</sup> Ved aktivt taletidskort forstås taletidskort, hvorpå der inden for de seneste 6 hhv. 3 måneder har været ind- eller udgående trafik eller har været foretaget "genopfyldning".

A pre-paid card is defined as active if there has been incoming traffic to or outgoing traffic from the telephone (the pre-paid card) or if it has been reloaded within the last 6 resp. 3 months.

Figur 9

MOBILABONNEMENTER FORDELT PÅ SELSKABER  
MOBILE SUBSCRIPTIONS BY COMPANY



Tabel 17

MOBILABONNEMENTER  
MOBILE SUBSCRIPTIONS

Ultimo perioden End of period	NMT	GSM	I alt Total	Nettertilgang i % Net increase in %	Abonnementer pr. 100 indbyggere <sup>1</sup> Subscriptions per 100 inhabitants
1987	77.432	•	79.523	31	1,6
1988	101.479	•	101.903 <sup>2</sup>	28	2,0
1989	123.792	•	123.792	21	2,4
1990	148.220	•	148.220	20	2,9
1991	175.943	•	175.943	19	3,4
1992	206.453	4.610	211.063	20	4,1
1993	251.544	106.045	357.589	69	6,9
1994	271.593	231.907	503.500	41	9,7
1995	306.001	516.263	822.264	63	15,7
1996	281.861	1.034.731	1.316.592	60	25,0
1997	232.610	1.211.406	1.444.016	10	27,3
1998	163.900	1.767.201	1.931.101	34	36,3
1999	107.815	2.520.770 <sup>3</sup>	2.628.585	36	49,3
2000	55.353	3.308.199 <sup>4</sup>	3.363.552	28	62,9
2001	18.238	3.941.927 <sup>4</sup>	3.960.165	18	73,8
2002	•	4.477.845 <sup>4</sup>	4.477.845	13	83,2
2003	•	4.767.277 <sup>5</sup>	4.767.277	6	88,3
2004	•	5.167.998 <sup>6</sup>	5.167.998	8	95,5

Tabel 18

AFGÅENDE MOBILTRAFIK<sup>7</sup> I ALT  
OUTGOING MOBILE TRAFFIC IN TOTAL

1.000 minutter 1,000 minutes	2001	2002	2003	2004
Afgående indlandstrafik Outgoing domestic traffic	2.799.720	3.349.331	4.015.113	4.988.707
Afgående udlandstrafik Outgoing international traffic	129.066	134.823**	148.731	171.470
<b>Afgående trafik i alt Outgoing traffic in total</b>	<b>2.928.786</b>	<b>3.484.054</b>	<b>4.163.844</b>	<b>5.160.177</b>

<sup>1</sup> Demografiske oplysninger er indhentet fra Danmarks Statistik.  
Demographic information is supplied by Statistics Denmark.

<sup>2</sup> Inklusive manuel mobiltelefon.  
Manual mobile telephony included.

<sup>3</sup> Inklusive taletidskort, som er registreret som aktiverede hos en udbyder, og som det er muligt at foretage opkald til. Det bemærkes, at kortenes "levetid" kan variere betydeligt mellem udbydere.  
Including pre-paid cards registered as activated by the provider and to which it is possible to carry through a call. Please note that the "lifetime" of pre-paid cards can vary significantly among providers.

<sup>4</sup> Inklusive taletidskort, som har været aktive inden for de seneste 12 måneder. Ved aktivt taletidskort forstås taletidskort, hvorpå der inden for de seneste 12 måneder har været foretaget udgående opkald eller "genopfyldning".  
Including pre-paid cards that has been active within the last 12 months. A pre-paid card is defined as active if there has been outgoing calls from the telephone (the pre-paid card) or reloads of the pre-paid card within the last 12 months.

<sup>5</sup> Inklusive taletidskort, som har været aktive inden for de seneste 6 måneder. Ved aktivt taletidskort forstås taletidskort, hvorpå der inden for de seneste 6 måneder har været foretaget udgående opkald eller "genopfyldning".  
Including pre-paid cards that has been active within the last 6 months. A pre-paid card is defined as active if there has been outgoing calls from the telephone (the pre-paid card) or reloads of the pre-paid card within the last 6 months.

<sup>6</sup> Inklusive taletidskort, som har været aktive indenfor de seneste 3 måneder. Ved aktivt taletidskort forstås taletidskort, hvorpå der inden for de seneste 3 måneder har været ind- eller udgående trafik eller har været foretaget "genopfyldning".  
Including pre-paid cards that has been active within the last 3 months. A pre-paid card is defined as active if there has been incoming traffic to or outgoing traffic from the telephone (the pre-paid card) or if it has been reloaded within the last 3 months.

<sup>7</sup> Trafik fra egne (mobile) slutbrugere origineret i Danmark og termineret i faste eller mobile net i Danmark eller udlandet.  
Traffic from own mobile endusers, originated in Denmark and terminated in fixed or mobile networks in Denmark or abroad.

# Mobiltelefoni

## Mobile telephony

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Tabel 19

### AFGÅENDE MOBIL INDLANDSTRAFIK FORDELT PÅ SELSKABER

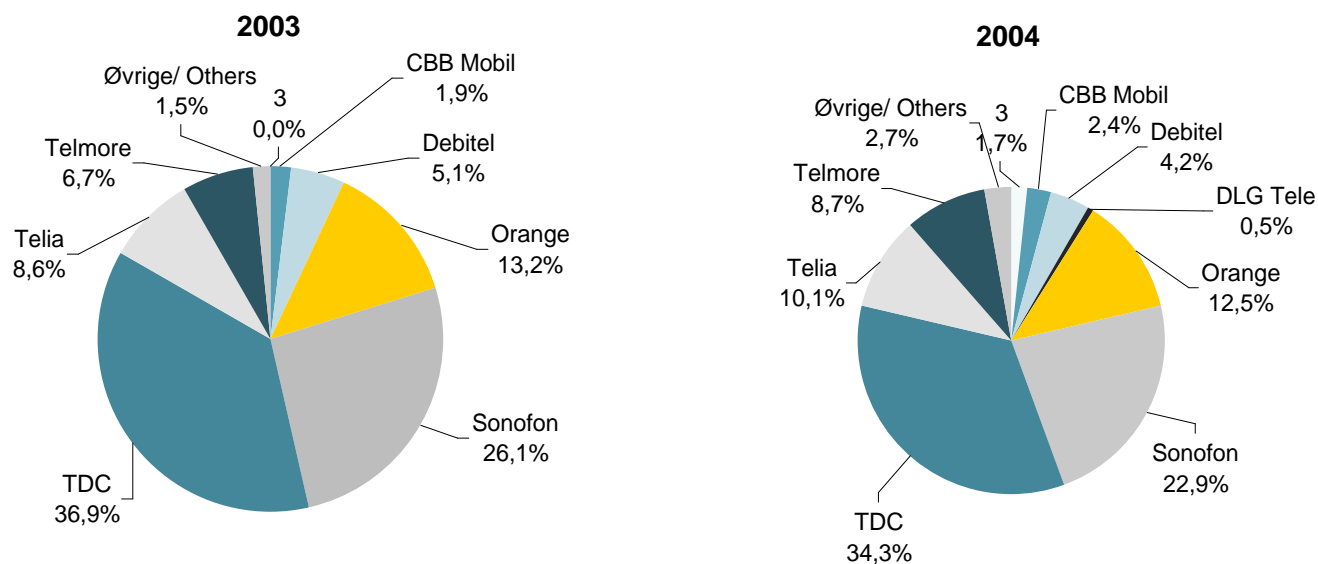
### OUTGOING MOBILE DOMESTIC TRAFFIC BY COMPANY

1.000 minutter 1,000 minutes	Afgående indlandstrafik Outgoing domestic traffic				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
3	...	...	430	86.196	...	...	0,0%	1,7%
CBB Mobil <sup>1</sup>	...	...	77.488	119.523	...	...	1,9%	2,4%
Debitel	143.044 <sup>2</sup>	149.052 <sup>2</sup>	204.837 <sup>2</sup>	211.545	5,1% <sup>2</sup>	4,5% <sup>2</sup>	5,1% <sup>2</sup>	4,2%
DLG Tele <sup>3</sup>	...	...	...	26.721	...	...	...	0,5%
Orange	360.152	436.963	530.427	625.850	12,9%	13,0%	13,2%	12,5%
Sonofon	961.158	983.395	1.049.194	1.140.473	34,3%	29,4%	26,1%	22,9%
TDC	1.152.877	1.384.224	1.479.622	1.708.785	41,2%	41,3%	36,9%	34,3%
Telia	127.599	233.399	343.821	504.998	4,6%	7,0%	8,6%	10,1%
Telmore <sup>4</sup>	24.039	97.907	267.697	432.376	0,9%	2,9%	6,7%	8,7%
Øvrige <sup>5</sup>	30.852	64.392	61.598	132.239	1,1%	1,9%	1,5%	2,7%
Others								
<b>I alt</b> <b>Total</b>	2.799.720	3.349.331	4.015.113	4.988.707	100%	100%	100%	100%

Figur 10

### AFGÅENDE MOBIL INDLANDSTRAFIK FORDELT PÅ SELSKABER

### OUTGOING MOBILE DOMESTIC TRAFFIC BY COMPANY



<sup>1</sup> CBB er ejet af Sonofon.  
CBB is owned by Sonofon.

<sup>2</sup> Inklusive DLG Tele.  
Including DLG Tele.

<sup>3</sup> DLG Tele ejes ligeligt af Debitel og DLG a.m.b.a.  
DLG Tele is equally owned by Debitel and DLG a.m.b.a.

<sup>4</sup> Telmore ejes af TDC.  
Telmore is owned by TDC.

<sup>5</sup> Øvrige/others (2001): CBB Mobil, Dublyooh, Elrotel, Euro909.dk, Link Telecom, Song Networks, Tele 2, Tiscali og Ventelo Danmark.  
Øvrige/others (2002): AXITI, CBB Mobil, Elrotel, LIC, Link Telecom, Song Networks, Tele 2 og Telogic.

Øvrige/others (2003): A+ Telecom, AXITI, Elrotel, Facilicom, LIC, Smart Konzept, Song Networks, Tele Jylland, Telogic og Tele 2.

Øvrige/others (2004): A+ Telecom, AXITI, BT Global Networks, Elrotel, Facilicom, L'easy, LIC, M1, Smart Konzept, Song Networks, Tele 2, Telogic og Unotel.

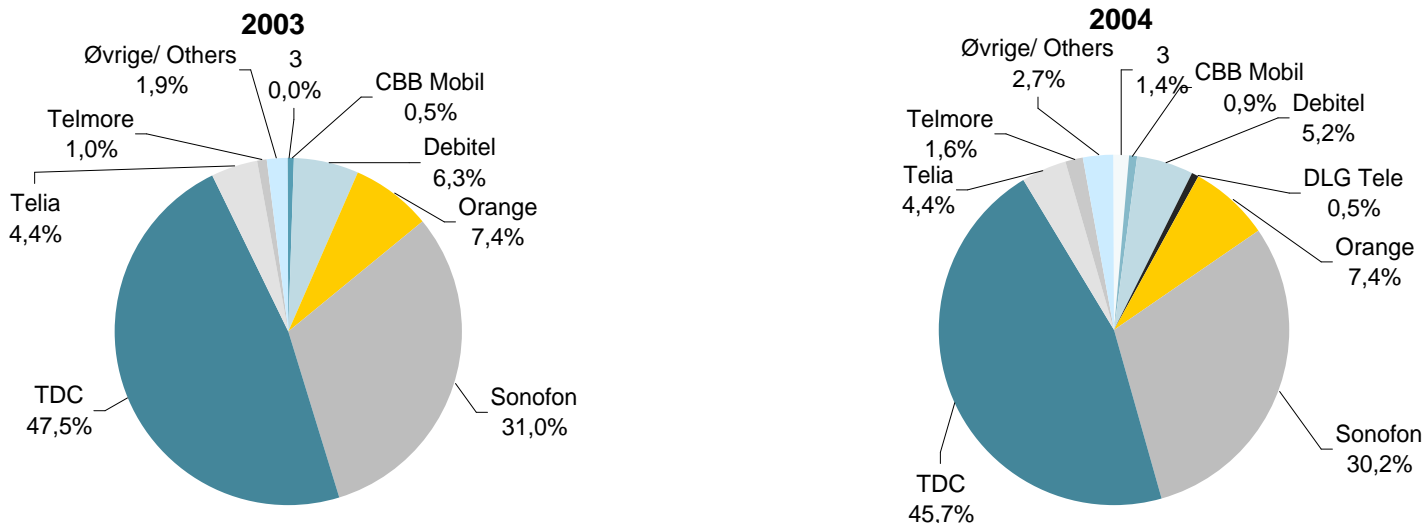
Tabel 20

AFGÅENDE MOBIL UDLANDSTRAFIK FORDELT PÅ SELSKABER  
OUTGOING MOBILE INTERNATIONAL TRAFFIC BY COMPANY

1.000 minutter 1,000 minutes	Afgående udlandstrafik Outgoing international traffic				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
3	...	...	5	2.322	...	...	0,0%	1,4%
CBB Mobil <sup>1</sup>	...	...	748	1.604	...	...	0,5%	0,9%
Debitel	8.485 <sup>2</sup>	6.710 <sup>2</sup>	9.331 <sup>2</sup>	8.978	6,6% <sup>2</sup>	5,0% <sup>2</sup>	6,3% <sup>2</sup>	5,2%
DLG Tele <sup>3</sup>	...	...	...	928	...	...	...	0,5%
Orange	12.512	8.669	11.040	12.687	9,7%	6,4%	7,4%	7,4%
Sonofon	43.359	43.280	45.970	51.710	35,1%	32,1%	31,0%	30,2%
TDC	57.408	66.612	70.689	78.295	44,5%	49,4%	47,5%	45,7%
Telia	3.919	5.346	6.475	7.472	3,0%	4,0%	4,4%	4,4%
Telmore <sup>4</sup>	...	...	1.699	2.828	0,1%	0,4%	1,0%	1,6%
Øvrige <sup>5</sup>	1.383	4.206**	4.471	4.646	1,0%	2,6%	1,9%	2,7%
Others								
<b>I alt</b>	129.066	134.823**	148.731	171.470	100%	100%	100%	100%
<b>Total</b>								

Figur 11

AFGÅENDE MOBIL UDLANDSTRAFIK FORDELT PÅ SELSKABER  
OUTGOING MOBILE INTERNATIONAL TRAFFIC BY COMPANY



<sup>1</sup> CBB ejes af Sonofon.

CBB is owned by Sonofon.

<sup>2</sup> Inklusive DLG Tele.

Including DLG Tele.

<sup>3</sup> DLG Tele ejes ligeligt af Debitel og DLG a.m.b.a.

DLG Tele is equally owned by Debitel and DLG a.m.b.a.

<sup>4</sup> Telmore ejes af TDC.

Telmore is owned by TDC.

<sup>5</sup> Øvrige/others (2001): ACN, Dublyooh, Elrotel, Euro909.dk, Link Telecom, Song Networks, Tele 2, Telmore og Tiscali.

Øvrige/others (2002): ACN, AXITI, BT Global Networks, COLT Telecom, CBB Mobil, Elrotel, Facilicom, Kommunikation, LIC, Link Telecom, Song Networks, Tele 2, Telmore og Telogic.

Øvrige/others (2003): A+ Telecom, AXITI, BT Global Networks, Facilicom, LIC, Smart Konzept, Song Networks, Tele 2, Tele Jylland og Telogic.

Øvrige/others (2004): A+ Telecom, AXITI, BT Global Networks, Elrotel, Facilicom, L'easy, LIC, M1, Prime Networks, Smart Konzept, Song Networks, Tele 2 og Telogic.

# Mobiltelefoni

## Mobile telephony

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Tabel 21

### SENDTE SMS- OG MMS-BESKEDER<sup>1</sup> FORDELT PÅ SELSKABER SMS AND MMS SENT BY COMPANY

1.000 1,000	Beskeder Messages				Markedsandele Market shares			
	2001	2002	2003	2004	2001	2002	2003	2004
3	-	-	-	53.948	-	-	-	0,8%
CBB Mobil <sup>2</sup>	1.342	29.397	123.617	227.181	0,1%	1,5%	3,1%	3,5%
Debitel	112.756 <sup>3</sup>	126.221 <sup>3</sup>	258.416 <sup>3</sup>	290.232	8,5% <sup>3</sup>	6,3% <sup>3</sup>	6,5% <sup>3</sup>	4,4%
DLG Tele <sup>4</sup>	...	...	...	21.753	...	...	...	0,3%
MIGway	-	40.900	115.914	115.592	0,0%	2,0%	2,9%	1,8%
Orange	252.625	345.138	428.000	543.739	18,9%	17,1%	10,7%	8,3%
Sonofon	449.348	536.099	809.422	1.114.087	33,7%	26,6%	20,3%	17,0%
TDC	392.211	520.645	610.768	882.961	29,4%	25,8%	15,3%	13,5%
Telia	61.300	172.429	1.034.808	2.381.195	4,6%	8,5%	25,9%	36,3%
Telmore <sup>5</sup>	35.610	191.435	559.883	819.009	2,7%	9,5%	14,0%	12,5%
Øvrige <sup>6</sup>	29.107	56.628**	48.314	104.873	2,2%	2,8%	1,2%	1,6%
Others								
<b>SMS i alt</b>	1.334.298	2.018.892**	3.989.143	6.554.569	100%	100%	100%	100%
<b>SMS in total</b>								
3	•	•	•	851	•	•	•	6,9%
CBB Mobil <sup>2</sup>	•	•	78	241	•	•	2,8%	1,9%
Orange	•	•	276	1.640	•	•	10,0%	13,2%
Sonofon	•	•	493	2.478	•	•	17,9%	20,0%
TDC	•	•	842	2.683	•	•	30,5%	21,7%
Telia	•	•	753	3.005	•	•	27,3%	24,3%
Telmore <sup>5</sup>	•	•	295	1.078	•	•	10,7%	8,7%
Øvrige <sup>7</sup>	•	•	23	406	•	•	0,8%	3,3%
Others								
<b>MMS i alt</b>	•	•	2.759	12.382	•	•	100%	100%
<b>MMS in total</b>								

<sup>1</sup> Eksklusive udbydernes egne rundspredte SMS-tjenester.

Excluding the providers own broadcasted SMS services.

<sup>2</sup> CBB Mobil ejes af Sonofon.

CBB Mobil is owned by Sonofon.

<sup>3</sup> Inklusive DLG Tele.

Including DLG Tele.

<sup>4</sup> DLG Tele ejes ligeligt af Debitel og DLG a.m.b.a.

DLG Tele is equally owned by Debitel and DLG a.m.b.a.

<sup>5</sup> Telmore ejes af TDC.

Telmore is owned by TDC.

<sup>6</sup> Øvrige/others (2001): Dublyooh, Elrotel, Euro909.dk, Link Telecom, RSL Com., Song Networks, Tele 2, Tiscali og Ventelo Danmark.

Øvrige/others (2002): AXITI, Elrotel, Kommunikation, LIC, Link Telecom, Song Networks, Tele 2, Telogic og Tiscali.

Øvrige/others (2003): 3, A+ Telecom, AXITI, Elrotel, Facilicom, LIC, Smart Koncept, Song Networks, Tele 2, Tele Jylland og Telogic.

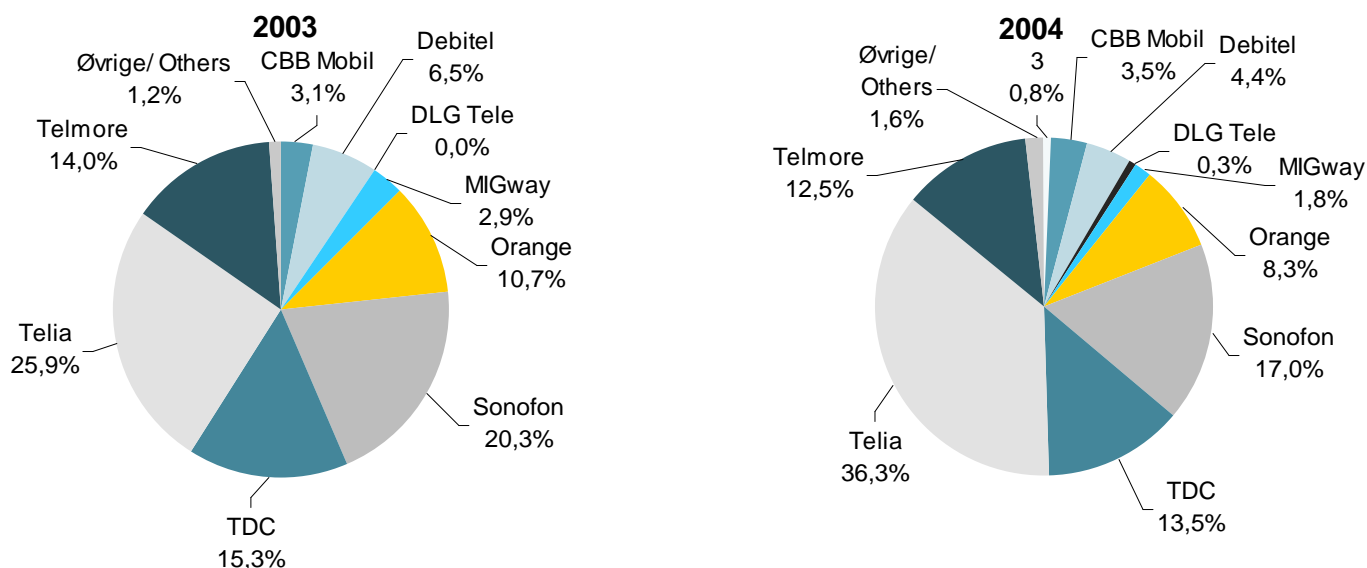
Øvrige/others (2004): 3, A+ Telecom, AXITI, Elrotel, Facilicom, Jay.net, L'easy, LIC, M1, Smart Koncept, Song Networks, Tele 2, Telogic og Unotel.

<sup>7</sup> Øvrige/others (2003): Debitel, Facilicom, Smart Koncept og Telogic.

Øvrige/others (2004): AXITI, Debitel, DLG Tele, Elrotel, Facilicom, L'easy, LIC, M1, Smart Koncept, Song Networks, Tele 2, Telogic og Unotel.

Figur 12

SENDTE SMS-BESKEDER FORDELT PÅ SELSKABER  
SMS SENT BY COMPANY



Tabel 22

PERSONSØGETJENESTER  
PUBLIC PAGING SYSTEMS

	Abonnementer ultimo året Subscriptions end of period	Opkald (1.000) Calls (1,000)	Opkald pr. abonnement <sup>1</sup> Calls per subscription
1989	40.591	4.876	130
1990	45.643	6.415	161
1991	50.863	6.950	144
1992	55.215	9.863	186
1993	58.816	11.275	198
1994	65.810	14.257	229
1995	64.342	18.972	292
1996	54.159	14.432	244
1997	46.561	12.000	238
1998 <sup>2</sup>	35.467	6.700	163
1999 <sup>2</sup>	26.349	4.007	130
2000 <sup>2</sup>	20.254	6.500	279
2001 <sup>2</sup>	15.033	6.292	357
2002 <sup>3</sup>	9.129	4.199	348
2003	•	185	41
2004	...	...	...

<sup>1</sup> Opkald pr. abonnement pr. år er beregnet på baggrund af det gennemsnitlige abonnementtal i året. Gennemsnittet er beregnet som halvdelen af abonnerne primo plus halvdelen af abonnerne ultimo.

Calls per subscriber, annually, are calculated on the basis of the average number of subscriptions during the year. The average is calculated as half of the subscriptions at the beginning of the year plus half of the subscriptions at the end of the year.

<sup>2</sup> Indeholder data vedrørende OPS, ERMES og MiniCall.

Comprises data concerning OPS, ERMES and MiniCall.

<sup>3</sup> Indeholder data vedrørende OPS og MiniCall. OPS: Offentlig Personsøgetjeneste. En radiotjeneste, hvor bæreren af en lille radiomodtager kan modtage beskeder fra en telefon.

Comprises data concerning OPS and MiniCall. Public Paging System (OPS): Radio system where the carrier of a small radio receiver can receive messages from a telephone.

### MODTAGNE PORTERINGER PORTINGS RECEIVED

Fuld nummerportabilitet introduceres i Danmark i to faser.

Første fase trådte i kraft den 15. oktober 1999, hvor det blev muligt for slutbrugere at medtage deres abonnentnumre ved skift mellem udbydere inden for områderne telefoni og ISDN, under forudsætning af, at der ikke samtidig skete flytning ud over det geografiske område, der hører under den central, slutbrugeren var tilsluttet.

Anden fase er inddelt i tre etaper:

1. Den 1. januar 2001 fik slutbrugere mulighed for at medtage abonnentnumre ved skift mellem udbydere inden for områderne telefoni og ISDN.
2. Den 1. juli 2001 fik slutbrugere mulighed for at medtage abonnentnumre ved skift mellem udbydere inden for området offentlig mobilkommunikation.
3. Senest den 31. december 2005 skal slutbrugere have mulighed for at medtage abonnentnumre ved skift mellem udbydere inden for områderne telefoni, ISDN og offentlig mobilkommunikation.

Fuld nummerportabilitet vil således være en realitet i Danmark fra 31. december 2005, når slutbrugere får adgang til at medtage abonnentnumre ved skift mellem fastnet- og mobiludbydere.

Full number portability is introduced in Denmark in two stages.

Stage one was introduced on 15 October 1999 when it became possible for end-users to carry with them their subscriber numbers when changing between operators within telephony and ISDN, provided that relocation was not into another geographical area than the one where the end-user was connected.

Stage two is divided into three steps:

1. From 1 January 2001 end-users had the opportunity to keep their subscriber numbers when changing providers within telephony and ISDN.
2. From 1 July 2001 end-users had the opportunity to keep their subscriber numbers when changing providers within public mobile communication.
3. On 31 December 2005 at the latest end-users should have the opportunity to keep their subscriber numbers when changing providers within telephony, ISDN and public mobile communication.

Consequently, full number portability in Denmark will be implemented from 31 December 2005 when end-users from this date will have the opportunity to keep their subscriber numbers when changing providers in the fixed network and the mobile network.

# Nummerporteringer Number portings

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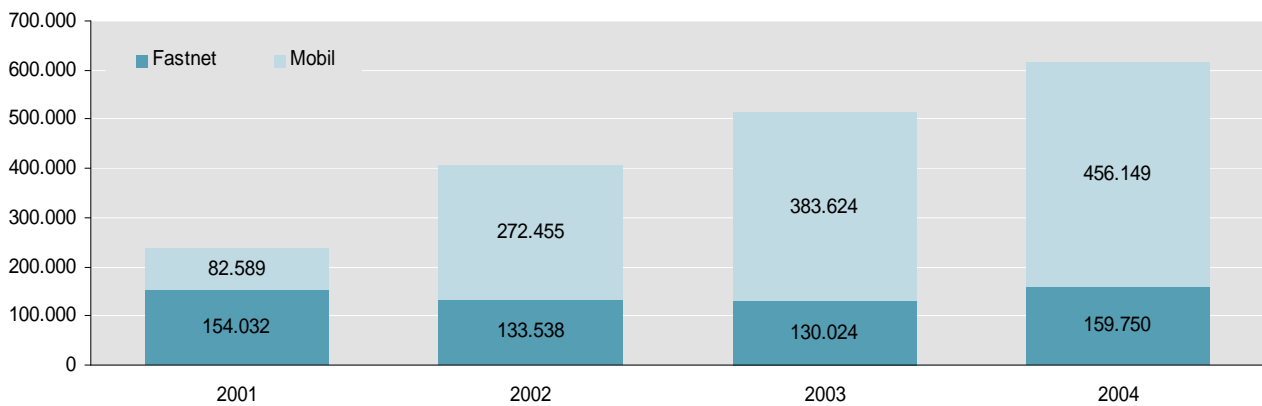
Tabel 23

## PORTERINGER<sup>1</sup> PORTINGS

I perioden In the period	2001	2002	2003	2004
Fastnet Fixed network	154.032	133.538	130.024	159.750
Mobil Mobile	82.589	272.455**	383.624	456.149
<b>I alt Total</b>	<b>236.621</b>	<b>405.993**</b>	<b>513.648**</b>	<b>615.899</b>

Figur 13

## PORTERINGER PORTINGS



<sup>1</sup> Porteringer (til udbydere) inklusive gentagne porteringer.  
Portings (to the provider) including repeated portings.

Tabel 24

FASTE KREDSLØB<sup>1</sup>  
LEASED LINES

Ultimo perioden End of period	Kredsløb inden for samme lokalcentral Leased lines within the same local switch			Kredsløb mellem forskellige lokalcentraler Leased lines between local switches		
	2002	2003	2004	2002	2003	2004
Digitale kredsløb =< 2Mbit/s Digital circuits =< 2Mbit/s	5.980 <sup>**2</sup>	7.350 <sup>**2</sup>	6.168 <sup>2</sup>	12.906 <sup>**2</sup>	12.029 <sup>**2</sup>	11.852 <sup>2</sup>
Digitale kredsløb > 2Mbit/s Digital circuits > 2Mbit/s	366 <sup>**</sup>	713 <sup>**</sup>	1.373	1.336 <sup>**</sup>	1.650 <sup>**</sup>	1.393
Øvrige kredsløb =< 2Mbit/s Other circuits =< 2Mbit/s	269 <sup>**2</sup>	258 <sup>**2</sup>	158 <sup>2</sup>	773 <sup>**</sup>	698 <sup>**</sup>	611
Øvrige kredsløb > 2Mbit/s Other circuits > 2Mbit/s	83	13	67	-	-	-

Tabel 25

UDLEJNING AF RÅ KOBBER PÅ ENGROSVILKÅR  
LOCAL LOOP UNBUNDLING (WHOLESALE)

Ultimo perioden End of period	2002	2003	2004
Fuldt udlejede rå kobber <sup>3</sup> Unbundled local loop	57.933	67.044	58.570

<sup>1</sup> Ved faste kredsløb forstås telekommunikationsfaciliteter, hvorved der stilles åben transmissionskapacitet til rådighed til slutbrugere og til andre udbydere. Opgørelsen omfatter det totale antal faste kredsløb, dvs. alle kredsløb til slutbrugere og til andre udbydere. Leased lines are defined as telecommunication facilities providing transmission capacity to end-users and to other providers. The specification comprises the total number of leased lines, i.e. all leased lines for end-users and for other providers.

<sup>2</sup> Mindst 144 kbit/s.

At least 144 kbit/s.

<sup>3</sup> Eksklusive bitstream access.  
Excluding bitstream access.

## Kabel-tv Cable TV

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Tabel 26

### ABONNEMENTER, TILSLUTNINGSTYPE OG ANVENDELSE SUBSCRIPTIONS, TYPE OF CONNECTION AND UTILIZATION

Ultimo perioden End of period	2001	2002	2003	2004
<b>Abonnementer i alt<sup>1</sup></b> <b>Subscriptions in total</b>	1.078.483	1.139.854	1.277.777	1.363.517
<b>Heraf tilslutninger via</b> <b>Of which connected via</b>				
- Antenneforeninger - Cable-TV associations	705.025	736.257	863.323	737.355
- Direkte tilslutning - Direct connection	373.458	403.597	414.454	626.162
<b>Heraf også anvendt til:</b> <b>Of which applied to:</b>				
- Telefoni/data med maximum kapacitet 144 kbit/s - Telephony/data services (max. capacity 144 kbit/s)	9.319	5.875	27.740	•
- Højhastighedstjenester fra over 144 kbit/s til 512kbit/s - High speed services (from more than 144 kbit/s up to 512kbit/s)	15.197	31.513	59.501	•
- Højhastighedstjenester fra over 512 kbit/s til 1 Mbit/s - High speed services (from more than 512 kbit/s up to 1 Mbit/s)	57.845	82.000	99.300	•
- Højhastighedstjenester fra over 1 Mbit/s til 2 Mbit/s - High speed services (from more than 1 Mbit/s to 2 Mbit/s)	...	519	1.567	•
- Højhastighedstjenester over 2 Mbit/s - High speed services (more than 2 Mbit/s)	...	139	760	•
<b>I alt</b> <b>In total</b>	82.361	120.046	188.868	•
<b>Kabelmodem</b> <b>Cable modem</b>				
Kabelmodemabonnementer med mindre kapacitet end 144 kbit/s Cable modem subscriptions (capacity less than 144 kbit/s)	...	21.827	50.252	65.983
Kabelmodemabonnementer med kapacitet på mindst 144 kbit/s Cable modem subscriptions (capacity at least 144 kbit/s)	...	133.548	194.330**	279.635
<b>Kabelmodemabonnementer<sup>2</sup> i alt</b> <b>Cable modem subscriptions in total</b>	87.500	155.375	244.582**	345.618

<sup>1</sup> Tallene omfatter Group Networks, TDC og Telia/Stofa.

Figures include Group Networks, TDC and Telia/Stofa.

<sup>2</sup> Tal for 2001 omfatter Arrownet, TDC, Telia/Stofa, Tiscali og Tune Kabelnet. Tal for 2002 omfatter Arrownet, Nordit, TDC og Telia/Stofa. Tal for 2003 omfatter Arrownet, Kjærgaard EL og Industriautomatik, Nordit, TDC og Telia/Stofa.

Figure for 2001 include Arrownet, TDC, Telia/Stofa, Tiscali and Tune Kabelnet. Figure for 2002 include Arrownet, Nordit, TDC and Telia/Stofa. Figure for 2003 include Arrownet, Kjærgaard EL og Industriautomatik, Nordit, TDC and Telia/Stofa.

Tabel 27

ABONNEMENTER OG TILSLUTNINGSMETODE  
SUBSCRIPTIONS AND METHOD OF CONNECTION

Ultimo perioden End of period					Markedsandele Market shares			
	2001	2002	2003	2004 <sup>1</sup>	2001	2002	2003	2004
Cybercity	136.044	137.487	145.805	115.671	6,7%	5,3%	5,4%	6,9%
Orange	166.224	160.090	154.477	21.914	8,2%	6,2%	5,7%	1,3%
TDC	677.322	1.016.018	1.014.207	1.074.892	33,5%	39,4%	37,3%	63,9%
Tele 2	415.946	447.466	479.394	132.755	20,6%	17,3%	17,6%	7,9%
Telia	146.311	181.916	211.133**	151.888	7,2%	7,0%	7,8%	9,0%
Tiscali	449.532	585.383	617.922	88.279	22,2%	22,7%	22,7%	5,2%
Øvrige <sup>2</sup> Others	32.082	52.413	95.460	97.382	1,59%	2,03%	5,4%	7,1%
<b>Abonnementer i alt</b> <b>Subscriptions in total</b>	<b>2.023.461</b>	<b>2.580.773</b>	<b>2.718.398**</b>	<b>1.682.781</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
- heraf erhverv - of which businesses	187.784	177.796	280.905	293.457	•	•	•	•
- heraf privat - of which private	1.835.677	2.402.977	2.437.493**	1.389.324	•	•	•	•
<b>Tilslutningsmetode</b> <b>Type of connection</b>								
- dial-up - dial-up	1.724.472	1.825.973	1.987.093	696.655 <sup>3</sup>	•	•	•	•
- direkte opkobling - direct connection	295.907	468.730**	733.858**	1.027.993	•	•	•	•
Abonnementer pr. 100 indbyggere Subscriptions per 100 inhabitants	37,7	47,9	50,4	31,1	•	•	•	•

<sup>1</sup> Omfatter kun abonnementer, der har været aktive indenfor de seneste 3 måneder.

Including only subscriptions that have been active within the past 3 months.

<sup>2</sup> Øvrige/others (2001): A+ Telecom, Arrownet, AT&T, Bo Data, Centrum Verden, Cirque, COLT Telecom, Daisy Net, Dansk Bredbånd, Euro909.dk, Equant, GC Pan European Crossing, Intercitynet, Ishøy Internet Support, Kabelnettet.dk, Mira Internet, Primus Telecommunications, Song Networks, Telelet, WEBPARTNER og Worldcom Telecommunications.

Øvrige/others (2002): ALCO, A+ Telecom, Arrownet, AT&T, Bo Data, Broadcom, BT Global Networks, Centrum Verden, Cirque, COLT Telecom, Daisy Net, Dansk Bredbånd, Danske Telecom, Debitel, Equant, GC Pan European Crossing, Intercitynet, Ishøy Internet Support, Kabelnettet.dk, Mira Internet, Nordit, Song Networks, Sprint Link, Supertel, Telelet, TJ Group, UpData, Utfors, WEBPARTNER og Worldcom Telecommunications.

Øvrige/others (2003): A+ Telecom, Arrownet, AT&T, Bo Data, Broadcom, BT Global Networks, Centrum Verden, Cirque, COLT Telecom, Comflex, Dansk Bredbånd, Danske Telecom, Equant, FTH Bredbånd, GC Pan European Crossing, Group Networks, Intercitynet, Ishøy Internet Support, Jay.net, Kabelnettet.dk, Kjærgaard EL og Industriaumatik, Mira Internet, Nianet, Nordit, Redspot, Song Networks, SprintLink, SuperTel, Telelet, UpData, Utfors, Vestnet, WEBPARTNER og Worldcom Telecommunications.

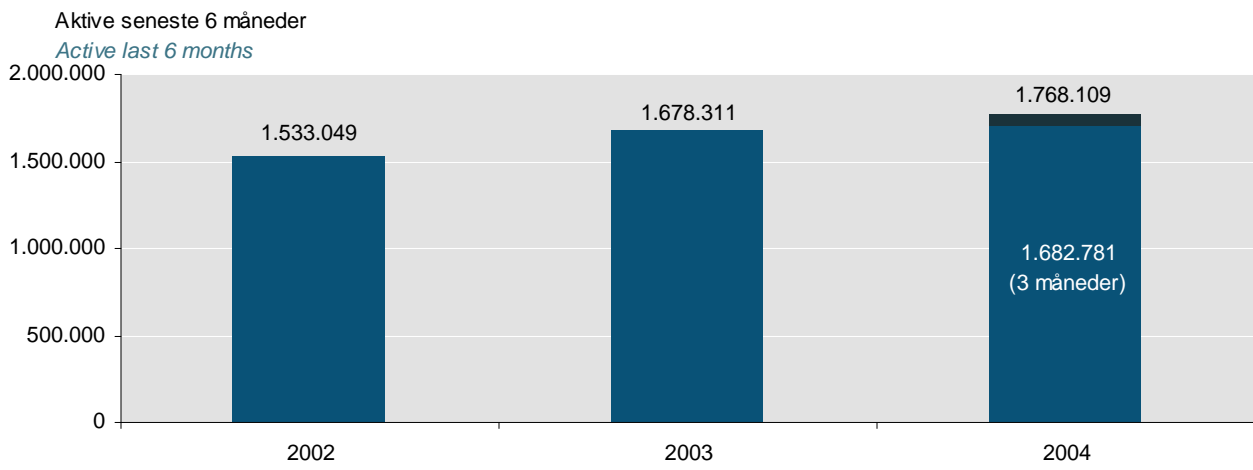
Øvrige/others (2004): A+ Telecom, Arrownet, AT&T, BoligNet, Broadcom, Broadcom Bolognet, BT Global Networks, Centrum Verden, Cirque, COLT Telecom, Comflex, ComX, Dansk Bredbånd, Danske Telecom, Debitel, DLG Tele, Equant, Fascom, Group Networks, Intercitynet, Ishøy Internet Support, Jay.net, Kjærgaard EL og Industriaumatik, Mira Internet, Net Group Data Center, Nianet, Nordit, Redspot, SEAS Distribution, SEAS NVE, Song Networks, Sonofon, SprintLink, SuperTel, Sydvest Energi, Sydfyns Elforsyning, Telelet, T-systems, Unotel, UpData, Utfors, V2Tele, Vestnet, WEBPARTNER, Worldcom Telecommunications og YES I HOTSPOT.

<sup>3</sup> Summen af dial-up og direkte opkobling svarer ikke til abonnementer i alt som følge af mangelfulde indberetninger.

The numbers for dial-up and direct connection does not sum up to the total number of subscriptions due to incomplete detailed information.

Figur 14

INTERNETABONNEMENTER  
SUBSCRIPTIONS TO INTERNET



Nettoprisindekset (NPI) offentliggøres af Danmarks Statistik. NPI belyser udviklingen i priserne ekskl. indirekte skatter og afgifter, men inkl. pristilskud. Samtlige varer og tjenester i private husstandes forbrug (herunder energi) indgår. NPI anvendes ved prisloftregulering af TDC's takster. Der er anvendt det gennemsnitlige årsindeks.

Teleprisindekset (TPI) i løbende priser belyser udviklingen i telepriserne inkl. moms, som en forbruger med et gennemsnitligt forbrug må betale for et fastnetabonnement inkl. samtaletakster. For 1996 er indekset udelukkende beregnet på baggrund af TDC's priser. Indekset er beregnet på baggrund af nedenstående årlige forbrugssammensætning.

The Net Price Index (NPI) is published by Statistics Denmark. The NPI reflects the general development in prices excluding indirect taxes and including price subsidies. All goods and services that enter household consumption (e.g. fuel) are included. The NPI is used in price-cap regulation of TDC's tariffs. The calculation is based on an annual average index.

The Tele Price Index (TPI) shows the development (including Value Added Tax) in telecommunications expenses of a subscriber with an average level of consumption including rates for calls. The 1996-index is calculated on TDC's tariffs, exclusively. The index is calculated on the following yearly consumption pattern.

#### 1996-1999

Oprettelsesafgift / Connection charge: 0,05  
Flytning / Relocation: 0,05  
Kvartalsafgift / Quarterly subscription fee: 4  
Lokalsamtaler / Local calls: 2.200 min.  
Regionsamtaler / Regional calls: 1.100 min.  
Landssamtaler / Trunk calls: 800 min.  
Opkaldsafgift / Call setup charge: 1.500 opkald/calls  
Samtaler til mobilnet / Traffic to mobile networks: 165 min.  
Opkald til mobilnet / Calls to mobile networks: 150 opkald/calls

#### 2000-2004

Oprettelsesafgift / Connection charge: 0,05  
Flytning / Relocation: 0,05  
Kvartalsafgift / Quarterly subscription fee: 4  
Indlandssamtaler / Domestic calls: 4.100 min.  
Opkaldsafgift til fastnet / Call setup charge to fixed network: 1.100 opkald/calls  
Opkald til fastnet uden B-svar / Unanswered calls to fixed network: 400 opkald/calls  
Samtaler til mobilnet / Traffic to mobile networks: 165 min.  
Opkald til mobilnet / Calls to mobile networks: 110 opkald/calls  
Opkald til mobilnet uden B-svar / Unanswered calls to mobile network: 40 opkald/calls

# Takster Tariffs

>

Tabel 28

## FASTNET, INDLAND FIXED NETWORK, DOMESTIC

Kr. inkl. moms DKK incl. VAT	Debitel	Sonofon	TDC	Tele 2	Telia
Pr. 30/03 2005 Per 30/03 2005					
Oprettelsesafgift <sup>1</sup> Connection charge	950	950	950	950	950
Flytning <sup>1</sup> Relocation	475	475	475	475	475
Kvartalsafgift Subscription fee (quarterly)	375	357	357	333	327
Landstakst, dag National tariffs, day	0,1875	0,22	0,25	0,22	0,23
Landstakst, nat National tariffs, night	0,09	0,11	0,125	0,11	0,125
Opkaldsafgift til fastnet <sup>2</sup> Call setup charge to fixed network	0,30	0,25	0,25	0,25	0,25
Samtaler til eget mobilnet, dag Traffic to own mobile network, day	1,75	1,50	1,60	1,30	1,45
Samtaler til eget mobilnet, nat Traffic to own mobile network, night	0,875	0,75	0,80	0,65	0,725
Samtaler til andre mobilnet, dag Traffic to other mobile networks, day	1,75	1,75	1,75	1,59	1,6
Samtaler til andre mobilnet, nat Traffic to other mobile networks, night	0,875	0,88	0,875	0,79	0,80
Opkaldsafgift til mobilnet Call setup charge to mobile networks	0,30	0,25	0,25	0,25	0,25
Dagtakstperiode, andel Day tariff period, share	0,75	0,75	0,75	0,75	0,75
Dagtakstperiode: Day tariff period:	8.00- 19.30 man-lør Mon-Sat	8.00- 19.30 man-lør Mon-Sat	8.00- 19.30 man-lør Mon-Sat	8.00- 19.30 man-lør Mon-Sat	8.00- 19.30 man-lør Mon-Sat

<sup>1</sup> Priserne for oprettelsesafgift og flytning er indhentet fra selskabernes hjemmesider. Oprettelsesafgiften gælder for nyoprettelser på eksisterende stik.

Tariffs concerning installation and relocation are supplied by the companies' homepages. Installation fee applies to new establishments on existing sockets.

<sup>2</sup> Beregnes kun ved svar.

Only charged for answered calls.

Tabel 29

UDVIKLINGEN I TELEPRISINDEKSET (TPI)  
DEVELOPMENT IN THE TELE PRICE INDEX (TPI)

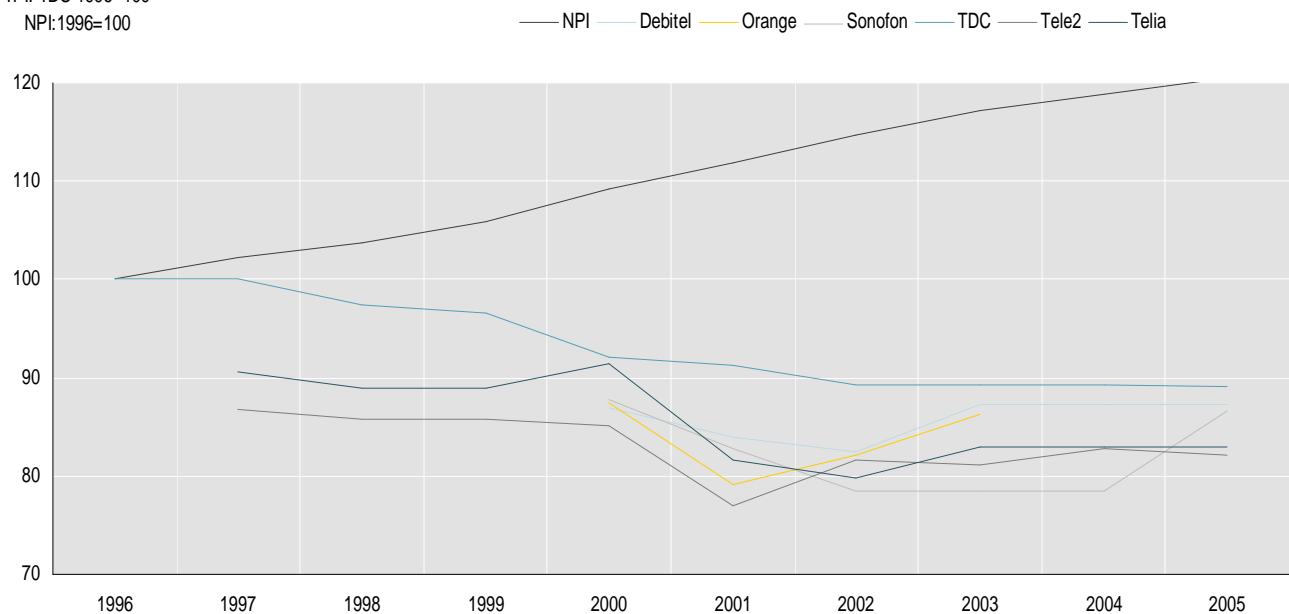
Udviklingen i teleprisindekset (TPI)<sup>1</sup> sammenlignet med nettoprisindekset (NPI)<sup>2</sup>  
Development in the tele price index (TPI) compared to the net price index (NPI)

	Debitel	Orange	Sonofon	TDC	Tele 2	Telia	NPI
1996	•	•	•	100,0	•	•	100,0
1997	•	•	•	100,1	86,8	90,6	102,2
1998	•	•	•	97,4	85,7	88,9	103,7
1999	•	•	•	96,5	85,7	88,9	105,9
2000	86,9	87,4	87,8	92,1	85,1	91,4	109,3
2001	83,9	79,1	82,8	91,3	77,0	81,6	111,8
2002	82,5	82,2	78,4	89,3	81,6	79,8	114,6
2003	87,2	86,3	78,4	89,2	81,2	82,9	117,2
2004	87,2	•	78,4	89,2	82,7	82,9	118,6 <sup>3</sup>
2005	87,2	•	86,6	89,2	82,2	82,9	119,4

Figur 15

UDVIKLINGEN I TELEPRISINDEKSET (TPI)  
DEVELOPMENT IN THE TELE PRICE INDEX (TPI)

TPI: TDC 1996=100  
NPI: 1996=100



<sup>1</sup> TDC's pris 1996 = 100.

TDC' price 1996 = 100.

<sup>2</sup> Kilde: Danmarks Statistik. Omregnet til basisår 1996.

Source: Statistics Denmark. Recalculated to base 1996.

<sup>3</sup> Januar-maj

January-May

IT- og Telestyrelsen har siden august 1998 hvert kvartal udgivet prispjecen ”Hallo, hallo - Ved du hvad det koster?” Pjecen sammenligner - på baggrund af en række forbrugsprofiler - priserne hos markedets udbydere af fastnettelefoni, mobiltelefoni og internet til private. I forbrugsprofilerne er indregnet abonnementsafgift, eventuelle opkaldsafgifter og minuttakster.

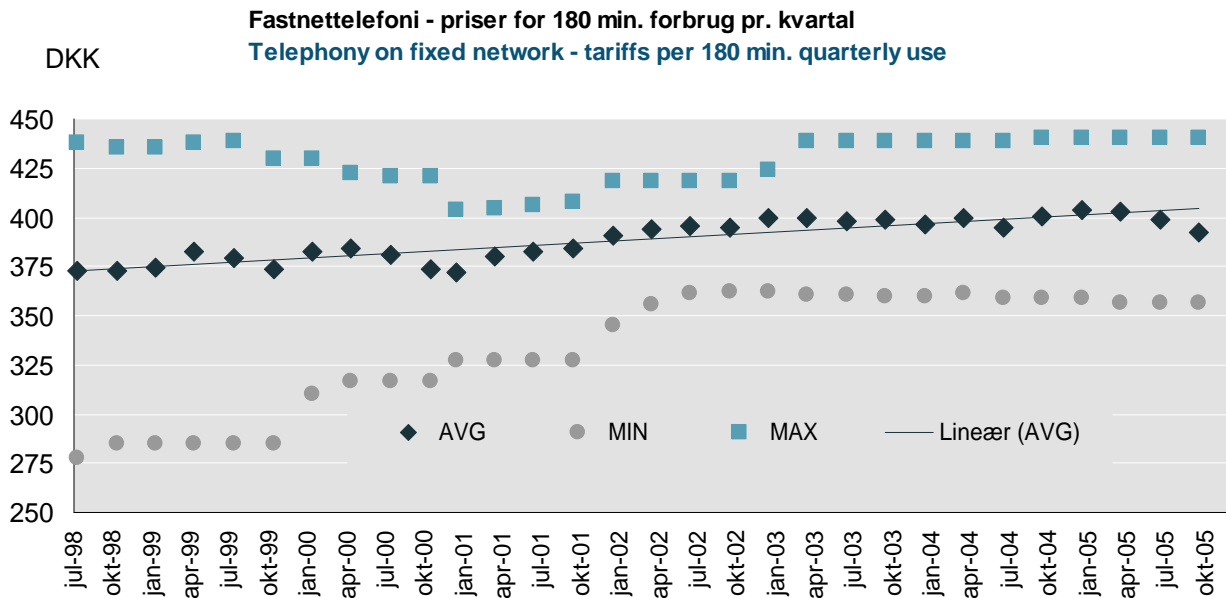
Nedenstående figurer viser prisudviklingen for udvalgte forbrugsprofiler i perioden august 1998 til april 2004. For hver forbrugsprofil er vist henholdsvis billigste (MIN), dyreste (MAX) og gennemsnitlige (AVG) pris blandt de udbydere, der indgår i pjecen. Desuden er der vist en trendlinie (lineær regression) ud fra alle udbydernes priser på de angivne tidspunkter.

Since August 1998 the National IT and Telecom Agency has published the quarterly price guide ”Hallo, Hallo – Ved du hvad det koster?”. On the basis of a number of consumer profiles the guide compares the tariffs of the providers on the market of telephony and Internet services to individuals. In the consumer profiles subscriber fees, call fees, if any, and minute charges have been included.

The following figures show the price development of selected consumer profiles in the period August 1998 to July 2005. For each consumer profile the cheapest (MIN), most expensive (MAX) and average (AVG) price between the providers included in the price guide are shown. Furthermore, a trendline (linear regression) is shown on the basis of all providers’ tariffs at the time indicated.

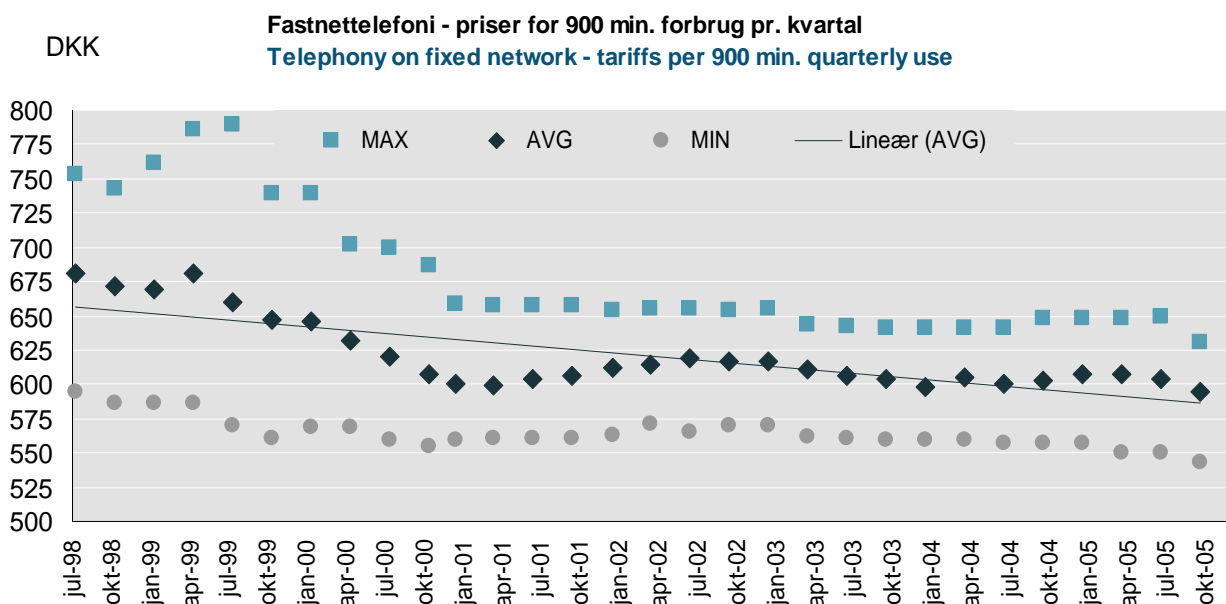
Figur 16

PRISUDVIKLING, FASTNETTELEFONI LAVT FORBRUG  
DEVELOPMENT OF TARIFFS, FIXED NETWORK LOW CONSUMPTION LEVEL



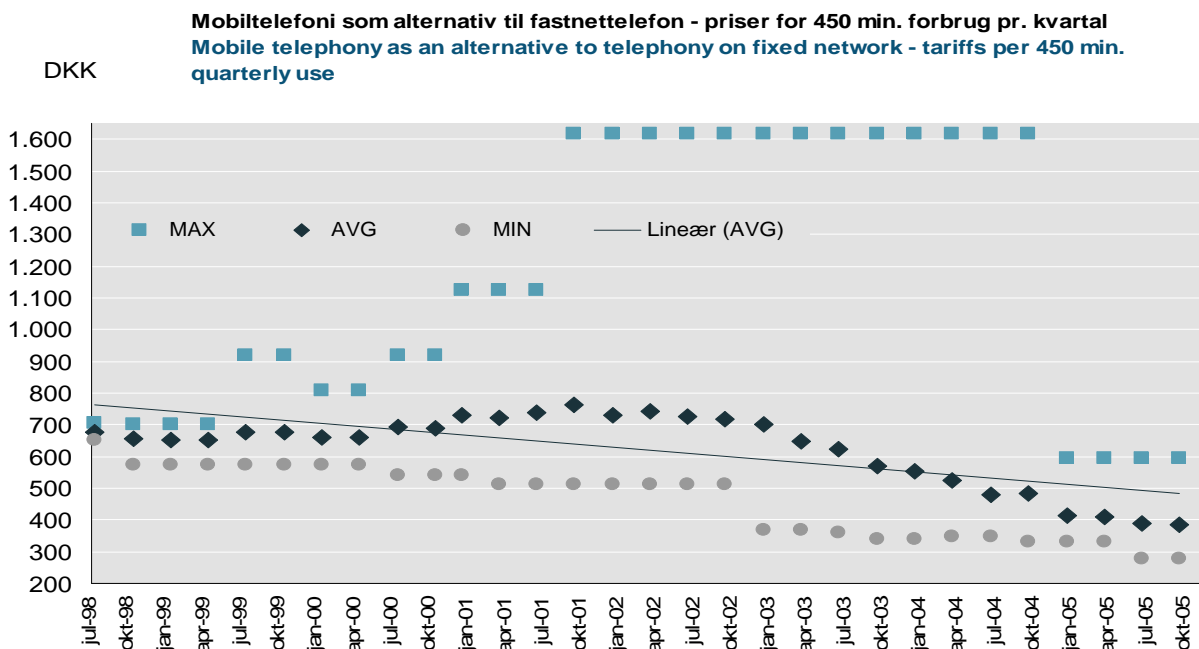
Figur 17

PRISUDVIKLING, FASTNETTELEFONI HØJT FORBRUG  
DEVELOPMENT OF TARIFFS, FIXED NETWORK HIGH CONSUMPTION LEVEL



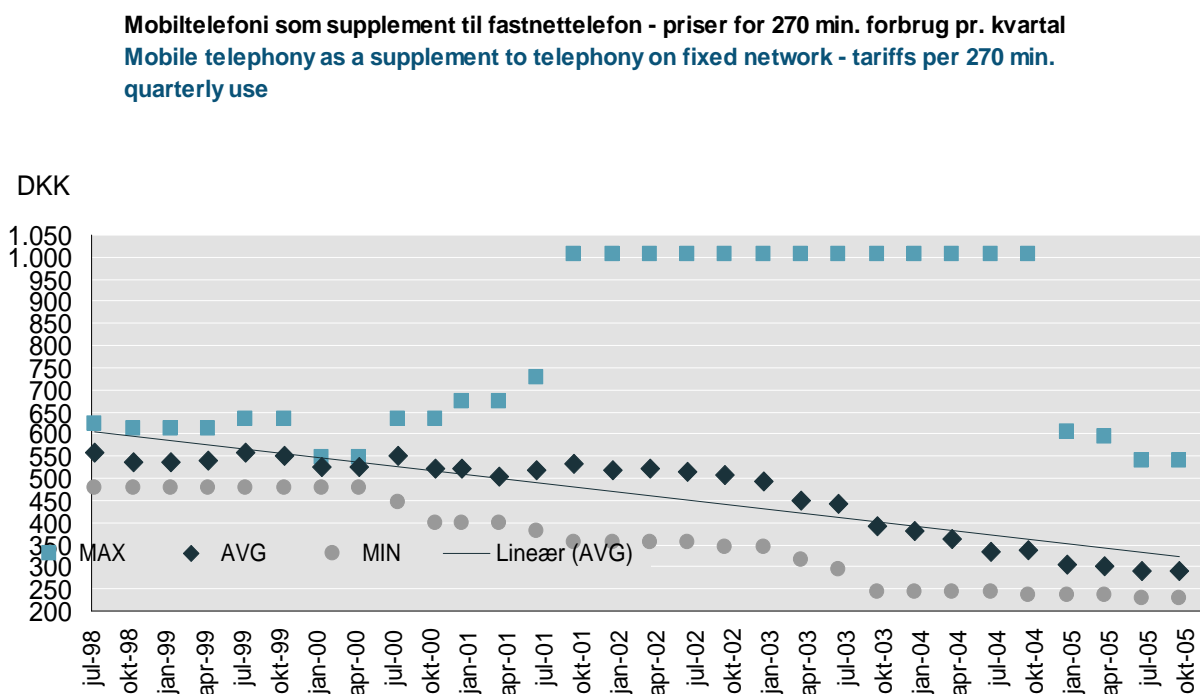
Figur 18

PRISUDVIKLING, MOBILTELEFONI SOM ALTERNATIV TIL FASTNETTELEFON  
DEVELOPMENT OF TARIFFS, MOBILE TELEPHONY AS AN ALTERNATIVE TO FIXED NETWORK



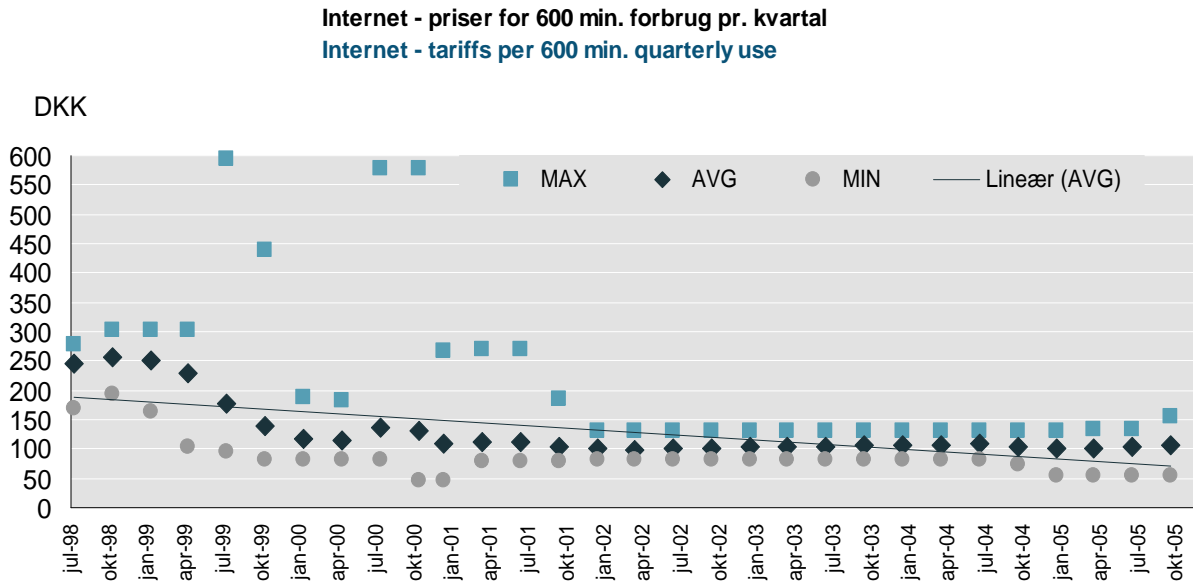
Figur 19

PRISUDVIKLING, MOBILTELEFONI SOM SUPPLEMENT TIL FASTNETTELEFON  
DEVELOPMENT OF TARIFFS, MOBILE TELEPHONY AS A SUPPLEMENT TO FIXED NETWORK



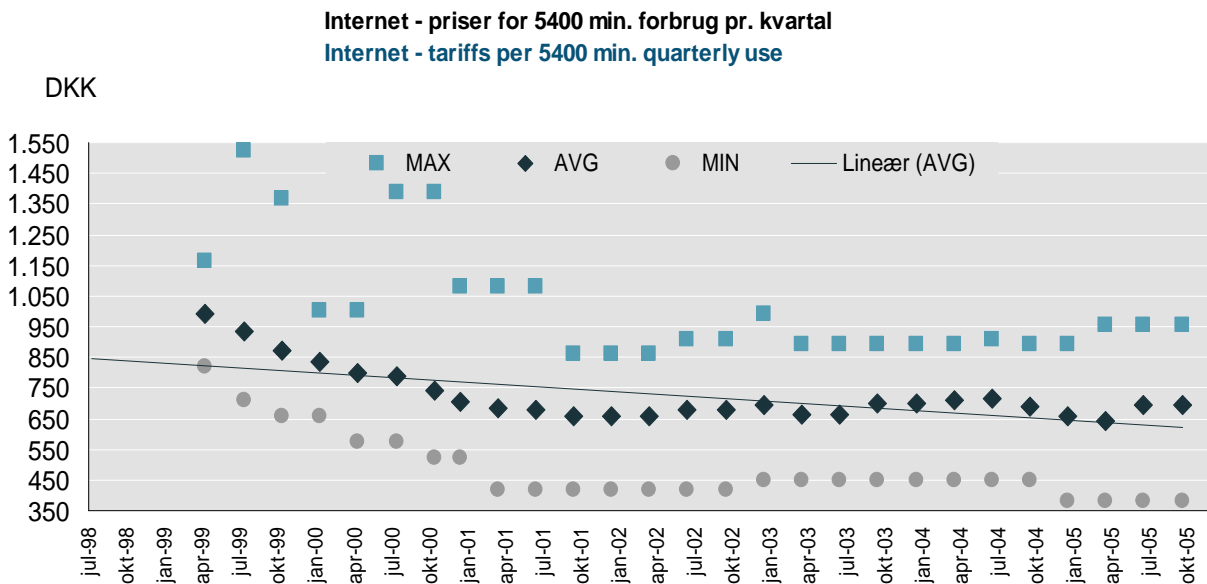
Figur 20

PRISUDVIKLING, INTERNET LAVT FORBRUG  
DEVELOPMENT OF TARIFFS, INTERNET LOW CONSUMPTION LEVEL



Figur 21

PRISUDVIKLING, INTERNET HØJT FORBRUG  
DEVELOPMENT OF TARIFFS, INTERNET HIGH CONSUMPTION LEVEL



# Anlægsforhold Installations

>

Tabel 30

Ultimo perioden End of period	2002	2003	2004
<b>Mobiltelefoni<sup>1</sup></b> <b>Mobile telephony</b>			
Basisstationer Mobile base stations	...	...	...
Mobilcentraler (BSC) Mobile exchanges (BSC)	117	116	119
Mobilcentraler (MSC) Mobile exchanges (MSC)	31	31	31
Radiokanaler Radio channels	142.824	149.497	179.960
Centralledninger Exchange lines	...	...	...
Interconnect ledninger Interconnection lines	58.554	53.288	52.378
Radioceller Radiocells	17.458	18.547	21.849
<b>Personsøgetjenester<sup>2</sup></b> <b>Paging systems</b>			
Basisstationer Mobile base stations	80	-	-
Centraler Exchanges	1	-	-
<b>Infrastruktur – generelt</b> <b>Infrastructure – in general</b>			
Abonentcentraler <sup>3</sup> Subscriber exchanges	508	542**	597
Transitcentraler <sup>4</sup> Transit exchanges	18	186**	100
Centralledninger i mellemcentralt net Lines between exchanges	17.750	18.033	24.330
Km radiokæder i faste net <sup>5</sup> Km radio links in the fixed network	15.841	21.613	20.857
Km fiberoptisk kabel i transmissionsnettet <sup>6</sup> Km fibre optical cables in the transmission network	39.412	46.680**	48.014

<sup>1</sup> Inkluderer 3G i 2003 og 2004.  
Includes 3G in 2003 and 2004.

<sup>2</sup> Data for 2001 indeholder både OPS og ERMES.  
Data for 2001 comprise both paging and ERMES.

<sup>3</sup> Idriftværende centraler, hvortil der er knyttet abonnentinstallationer (evt. via et udskudt abonnenttrin).

Operating exchanges to which subscriber installations have been connected (possibly via a remote subscriber stage).

<sup>4</sup> Idriftværende centraler, hvortil der ikke er knyttet abonnentinstallationer – dvs. alle andre centraler end abonnentcentralerne.

Operating exchanges to which no subscriber installations have been connected – i.e. all exchanges except subscriber exchanges.

<sup>5</sup> Antennesystemstrækninger (dvs. flere mulige radiokæder mellem 2 tårne/master).

Antenna system stretchings (i.e. several possible radio links between 2 towers/masts).

<sup>6</sup> Den totale tracé-længde i kilometer af fiberoptiske kabler i transmissionsnettet.

The total length in kilometres of the trace of fibre optical cables in the transmission network.

Tabel 31

OMSÆTNINGSSPECIFIKATION (BRUTTO)<sup>1</sup>  
SPECIFICATION OF REVENUE (GROSS)

Mio. kr. DKK million	2002	2003	2004
Teletjenester – fastnet Telecommunications services – fixed network	12.654	11.911	11.680
Mobiltelefoni og personsøgning Mobile telephony and public paging systems	10.065	11.651	12.774
Infrastruktur Infrastructure	1.480	1.196**	1.150
Datakommunikation og internet Data communication and internet	4.650	5.743**	6.184
Øvrige indtægter <sup>2</sup> Other revenue	5.737	5.887**	6.277
<b>Omsætning i alt Net revenue</b>	<b>34.588</b>	<b>36.420**<sup>3</sup></b>	<b>38.064</b>

Tabel 32

RESULTATOPGØRELSE  
FINAL REPORT

Mio. kr. DKK million	2002	2003	2004
Omsætning i alt Net revenue	34.588	36.420**	38.064
Resultat før skat og ekstraordinære poster Earnings before tax and extraordinary items	1.417	2.643**	997

<sup>1</sup> Selskabernes regnskabsoplysninger er summeret op. På grund af selskabernes udveksling af samtrafik er der betalinger, der registreres som indtægt hos én udbyder og samtidigt som udgift hos en anden udbyder, som fakturerer kunden og derved også genererer en indtægt. Der er således indtægter, som optræder to steder, og omsætningen er derfor samlet set overvurderet.

The financial figures of the companies have been summarized. Because of interconnect traffic exchanged between the companies there will be payments counting as revenue for one provider and expenditure and revenue for the other provider invoicing the customer. This means that some revenue will appear twice and that aggregate revenue is overestimated.

<sup>2</sup> Omfatter bl.a. indtægter fra nummeroplysningstjenester, kabel-tv og særlige tjenester.

Comprises revenue from number information services, cable TV and special services.

<sup>3</sup> Den samlede omsætning er ikke fordelt fuldt ud på omsætningskategorier.

Gross revenue is not fully distributed into specification of revenue.

Tabel 33

OMSÆTNING  
REVENUE

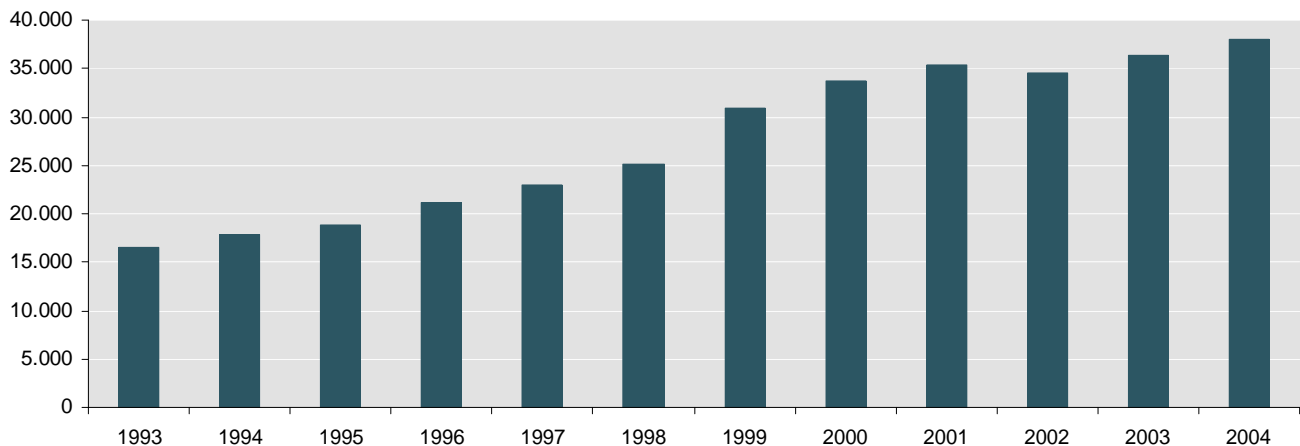
Mio. kr.  
DKK million

1981	4.269
1982	4.984
1983	5.995
1984	7.824
1985	9.577
1986	10.438
1987	11.949
1988	12.806
1989	14.237
1990	14.381
1991	15.501
1992	15.807
1993	16.449
1994	17.803
1995	18.880
1996	21.116
1997	23.003
1998	25.193
1999	30.920
2000	33.715
2001	35.326
2002	34.588
2003	36.420**
2004	38.064

Figur 22

OMSÆTNING  
REVENUE

Mio. kr.  
DKK million



Tabel 34

INVESTERINGER  
INVESTMENTS

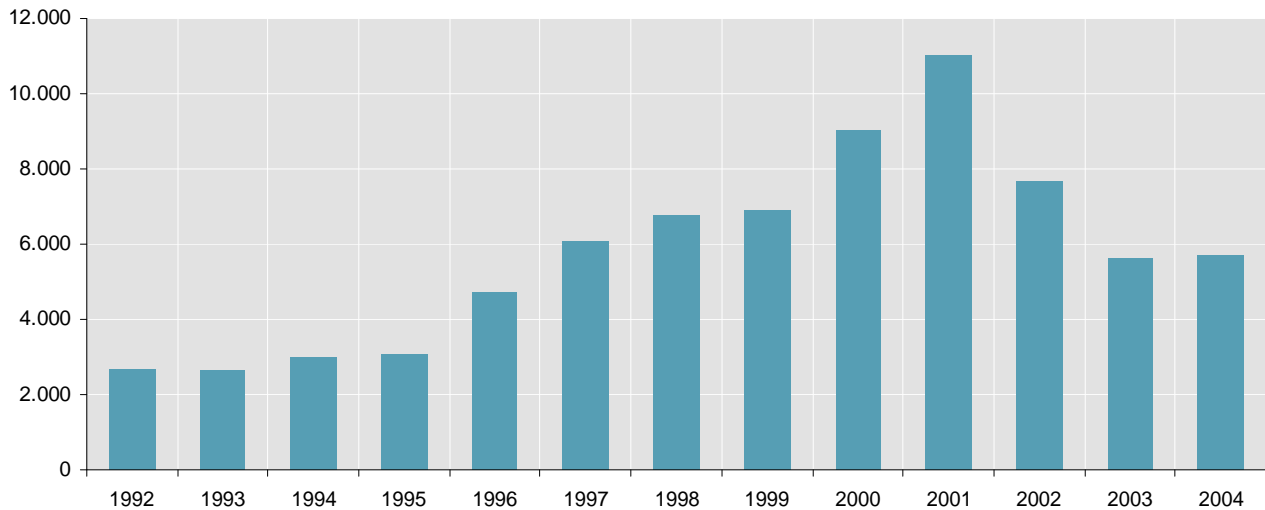
Mio. kr.  
DKK million

1992	2.694
1993	2.642
1994	2.993
1995	3.078
1996	4.736
1997	6.096
1998	6.777
1999	6.879
2000	9.015
2001	11.016** <sup>1</sup>
2002	7.652 <sup>1</sup>
2003	5.607** <sup>1</sup>
2004	5.722 <sup>2</sup>

Figur 23

INVESTERINGER I TELESEKTOREN I DANMARK  
TELECOM INVESTMENTS IN DENMARK

Mio. kr.  
DKK million



<sup>1</sup> Bogførte investeringer i UMTS-licenser er ikke inkluderet.  
Posted investments in UMTS licenses not included.

<sup>2</sup> Bogførte investeringer i UMTS-licenser er ikke inkluderet.  
Posted investments in UMTS licenses not included.

Tabel 35

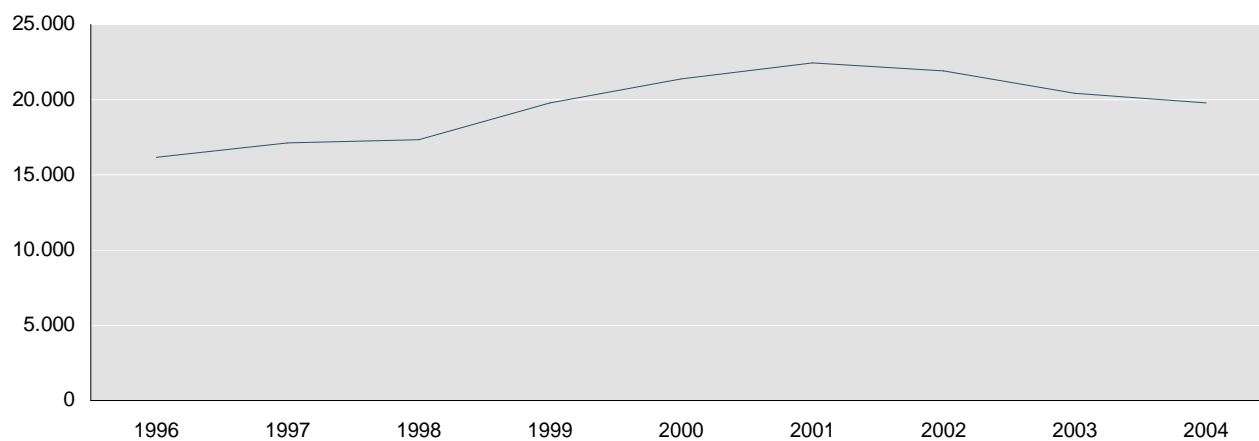
FULDTIDSANSATTE  
FULL-TIME EMPLOYEES

Ultimo perioden End of period	
1996	16.126
1997	17.170
1998	17.336
1999	19.750
2000	21.330
2001	22.405
2002	21.873
2003	20.471
2004	19.733

Figur 24

FULTIDSANSATTE  
FULL-TIME EMPLOYEES

Ultimo perioden  
End of period



Tabel 36

ABONNEMENTER, FASTNET  
SUBSCRIPTIONS ON THE FIXED NETWORK

Ultimo perioden End of period	2002	2003	2004
Tele Greenland A/S <sup>1,2</sup> Tele Greenland A/S	25.330	25.248	24.721
Føroya Tele <sup>3</sup> Faroese Telecom	21.558	20.111	19.565

Tabel 37

MOBILABONNEMENTER  
MOBILE SUBSCRIPTIONS

Ultimo perioden End of period	2002	2003	2004
Tele Greenland A/S <sup>2</sup> Tele Greenland A/S	19.924	29.749	13.905
Føroya Tele <sup>3</sup> Faroese Telecom	30.709	30.288	30.873

<sup>1</sup> Telefonlinier  
Telephone lines

<sup>2</sup> Kilde: Årsregnskab 2004, [www.tele.gl](http://www.tele.gl)  
Source: Annual Report 2004, [www.tele.gl](http://www.tele.gl)

<sup>3</sup> Kilde: Årsregnskab 2004, [www.tele.fo](http://www.tele.fo)  
Source: Group- and Annual Account 2004, [www.tele.fo](http://www.tele.fo)

Tabel 38

ØKONOMISKE NØGLETAL  
FINANCIAL KEY FIGURES

TELE GREENLAND A/S <sup>1</sup> TELE GREENLAND A/S	2002	2003	2004
Nettoomsætning (1.000 kr.) Net sales (DKK 1,000)	630.000	644.000	630.000
Årets resultat (1.000 kr.) Net profit (DKK 1,000)	26.000	16.000	17.000
Overskudsgrad Net profit ratio	8%	4%	3%
Fuldtidsansatte <sup>2,3</sup> Full-time employees	437	411	407

Tabel 39

FØROYA TELE <sup>4</sup> FAROESE TELECOM	2002	2003	2004
Nettoomsætning (1.000 kr.) Net sales (DKK 1.000)	298.678**	304.311**	303.897**
Årets resultat (1.000 kr.) Net profit (DKK 1.000)	53.456**	47.108**	34.500**
Overskudsgrad Net profit ratio	23%	21%	16%
Fuldtidsansatte <sup>5</sup> Full-time employees	257	258	240

<sup>1</sup> Kilde: Årsregnskab 2004, [www.tele.gl](http://www.tele.gl)  
Source: Annual Report 2004, [www.tele.gl](http://www.tele.gl)

<sup>2</sup> Ultimo året.  
End of year.

<sup>3</sup> Fuldtidsansatte i TELE divisionen.

Full-time employees in the TELE division.

<sup>4</sup> Kilde: Årsregnskab 2004, [www.tele.fo](http://www.tele.fo)  
Source: Group- and Annual Account 2004, [www.tele.fo](http://www.tele.fo)

<sup>5</sup> Årsgennemsnit.  
Average of the year.