B Households

Since 2005, the Czech Statistical Office (CZSO) has been monitoring the spread of selected information technologies in households by way of an independent annual statistical survey titled: "**Sample Survey on the Use of Information and Communication Technologies in Households and Among Individuals**".

In the Czech Republic, this survey is conducted as an annex to the Labour Force Survey (LFS) in the form of a Computer Assisted Personal Interviewing (CAPI). The target population consists of all households (4,2 million). In 2008 this survey was conducted in the second quarter, with the questions in the questionnaire being answered by approximately **9,500 individuals from 4,700 households.**

Since 2006, a survey is being conducted according to **Regulation (EC) No 808/2004 of the European Parliament and of the Council concerning statistics on the information society**, thereby allowing for the production of data comparable with individual EU states, Iceland and Norway.

Notes:

Reference period: Household data refers to the second quarter of the relevant year.

Comparability of data published by the CZSO and Eurostat: The data published by Eurostat for Czech households differs slightly from the data published by the CZSO. This difference is due to the fact that Eurostat includes, as part of the data it publishes, solely households headed up by at least one person between 16 and 74 years of age. As standard, the CZSO provides data for all households. This is the reason why the detailed tables for the Czech Republic give dual values: total and total (16-74).

Definitions:

- **Big cities (densely-populated areas)** - set of local areas, each of which has a density superior to 500 inhabitants per square kilometre, where the total population for the set is at least 50,000 inhabitants.
- **Urban areas (intermediate areas)** - set of local areas, not belonging to a densely populated area, each of which has a density superior to 100 inhabitants per square kilometre, and either with a total population for the set of at least 50,000 inhabitants or adjacent to a densely populated area.
- **Rural areas (thinly-populated areas)** - set of local areas belonging neither to a densely populated nor to an intermediate area.
- **Broadband connection** includes one of the following Internet access services that enable a high speed internet connection (256 or more kbit/s, in one or both directions): xDSL (ADSL etc.), Cable TV (cable modem/CATV), WiFi and other fixed wireless connections (FWA), connections via mobile networks (EDGE, CDMA, or UMTS) and other such as Fibre, LAN, Satellite technologies, etc.

Detailed **methodical information** in respect of this survey is contained in the annual publication titled: **"Use of ICT by Households and Individuals in 2008, Code 9701-08"**, which is freely available on the CZSO's website: http://www.czso.cz/csu/2008ediciplan.nsf/engp/9701-08

The CZSO's **Household Budget Survey** acts as a supplementary source of information to this survey. From this source originate data on the equipping of households with **fixed and mobile telephones** and in the case of data prior to 2005.also on the **computers and the Internet** Information on the **households' consumption expenditures on ICT equipment and services** also originate from the same source.

More detailed information and data are available free of charge at the following dedicated website (only in Czech):
http://www.czso.cz/csu/redakce.nsf/i/domacnosti_a_jednotlivci

Tab. B1 Households with fixed telephone in the Czech Republic

%

	2006	2007	2008
Total	**44,0**	**34,8**	**31,1**
Household composition:			
households without children	47,1	38,5	34,9
households with children	38,5	28,1	24,4
Status of head of household:			
employee	38,6	29,6	24,8
own-account worker	48,9	39,0	37,0
unemployed	21,9	15,0	15,9
pensioner	54,1	44,5	41,3
Age group of head of household:			
till 29 years	10,3	7,3	6,6
30-39 years	27,0	17,0	13,7
40-49 years	44,1	33,2	28,2
50-59 years	49,2	38,0	33,1
60-69 years	54,3	43,2	36,5
70 and more years	60,9	53,1	52,4

as a percentage of all households in a given socio-demographic category
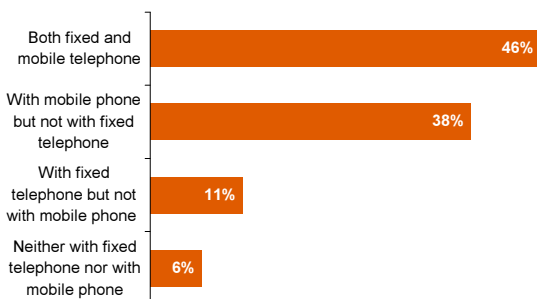
Figure B1 Households with fixed telephone
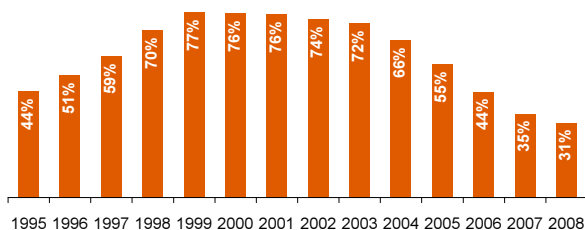
as a percentage of all households

Source: Czech Statistical Office, Household Budget Survey

Figure B2 Individuals with access to telephone at home, 2006

as a percentage of all individuals aged 16 years and over

*Source: Czech Statistical Office, Household Survey on ICT Use*

B Households

Tab. B2 Households with mobile phone in the Czech Republic

%

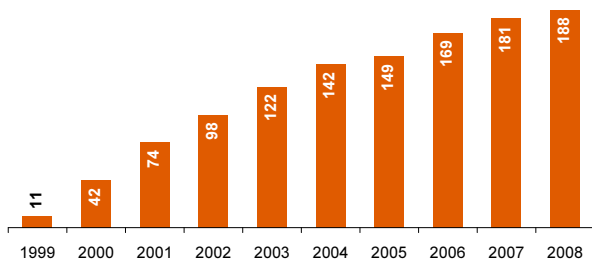|	2006	2007	2008
Total	**87,0**	**90,2**	**92,4**
Household composition:			
households without children	81,9	86,1	89,2
households with children	95,9	97,4	98,0
Status of head of household:			
employee	94,4	95,3	95,9
own-account worker	88,6	89,5	92,7
unemployed	87,1	91,1	92,8
pensioner	71,3	79,7	84,7
Age group of head of household:			
till 29 years	98,5	96,1	95,6
30-39 years	95,4	96,6	97,7
40-49 years	95,1	97,0	97,9
50-59 years	89,3	90,9	93,6
60-69 years	82,4	87,9	90,3
70 and more years	65,4	74,7	80,4

as a percentage of all households in a given socio-demographic category

Figure B3 Households with a mobile telephone
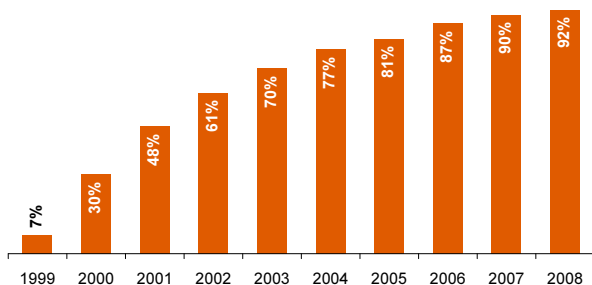
as a percentage of all households

Figure B4 Number of mobile phones in households per 100 households


Source: Czech Statistical Office, Household Budget Survey

B Households

Tab. B3 Households with a computer in the Czech Republic

%

	2006	2007	2008
Total	**35,7**	**39,6**	**47,7**
Total (16-74 years)	39,0	43,4	52,4
Household composition:			
households without children	20,9	24,1	31,7
households with children	61,6	66,7	76,3
Type of locality:			
densely-populated area (big cities)	38,5	45,2	51,8
intermediate urbanized area (urban areas)	35,0	37,7	46,1
thinly-populated area (rural areas)	33,6	35,9	45,1

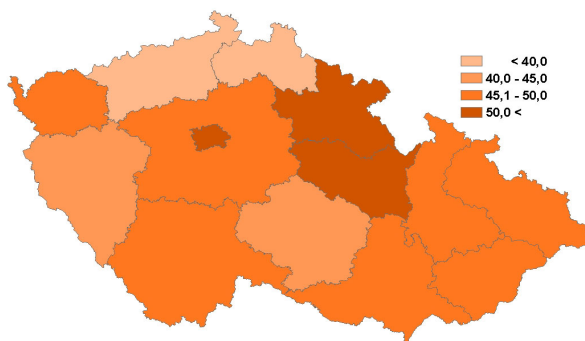*as a percentage of all households in a given socio-demographic category*

Figure B5 Households with a computer
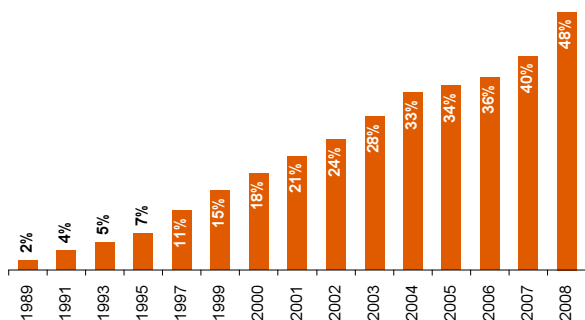
as a percentage of all households

Figure B6 Households with a computer in regions (%), 2008

< 40,0
40,0 - 45,0
45,1 - 50,0
50,0 <

as a percentage of all households in each Czech region

Source: Czech Statistical Office, HBS and Household Survey on ICT Use

Figure B7 Households with a computer in 2008

Country	%
Netherlands	88%
Sweden	87%
Norway	86%
Denmark	85%
Luxembourg	83%
Germany	82%
United Kingdom	78%
Austria	76%
Finland	76%
Ireland	70%
France	68%
EU27	68%
Slovenia	65%
Spain	64%
Slovakia	63%
Malta	63%
Estonia	60%
Poland	59%
Hungary	59%
Latvia	57%
Cyprus	56%
Italy	56%
Czech Republic	52%
Lithuania	52%
Portugal	50%
Greece	44%
Romania	38%
Bulgaria	29%

as a percentage of all households where at least 1 member is in age group 16-74 years

Source: Eurostat, 2009

Tab. B4 Households with the Internet in the Czech Republic

%

	2006	2007	2008
Total	**26,7**	**32,0**	**41,7**
Total (16-74 years)	29,3	35,1	45,9
Household composition:			
households without children	16,0	19,0	27,3
households with children	45,0	55,0	67,3
Type of locality:			
densely-populated area (big cities)	31,4	38,4	47,8
intermediate urbanized area (urban areas)	25,9	30,4	40,1
thinly-populated area (rural areas)	23,2	27,3	37,3

as a percentage of all households in a given socio-demographic category

Figure B8 Households with the Internet

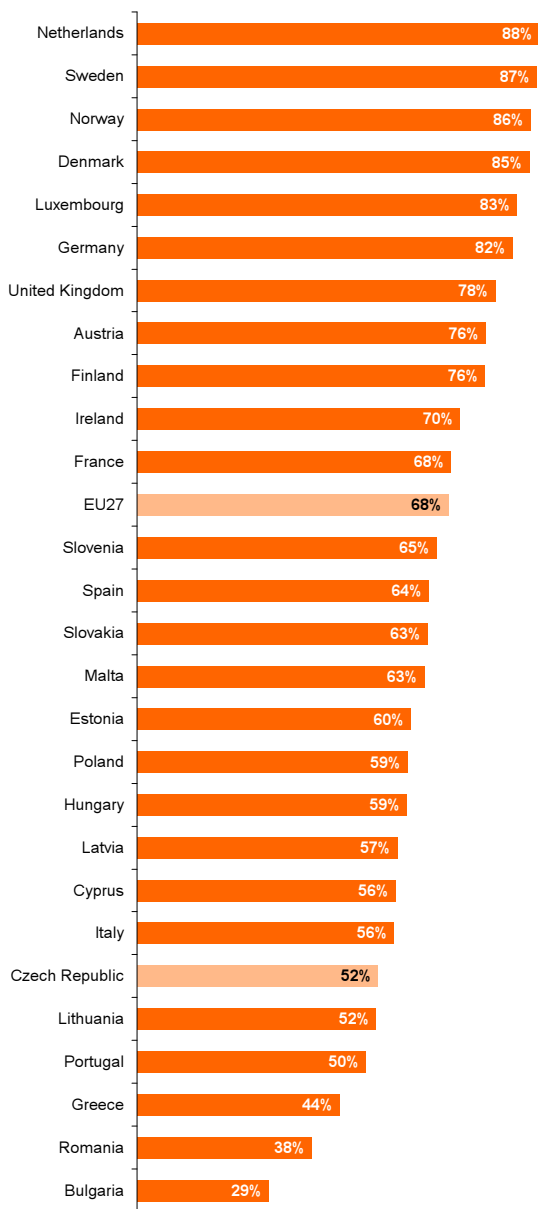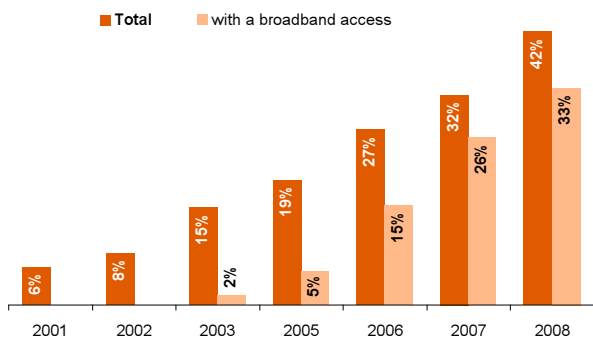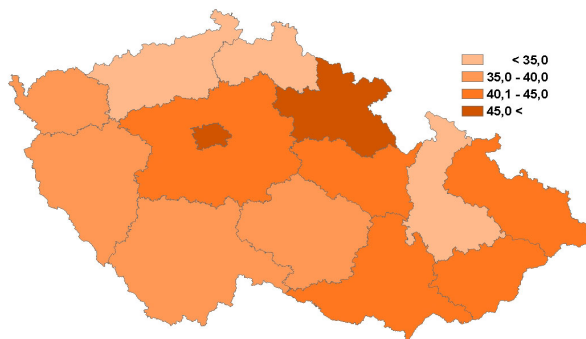*as a percentage of all households*

Figure B9 Households with the Internet in regions (%), 2008

as a percentage of all households in each Czech region

Source: Czech Statistical Office, HBS and Household Survey on ICT Use

Figure B10 Households with the Internet
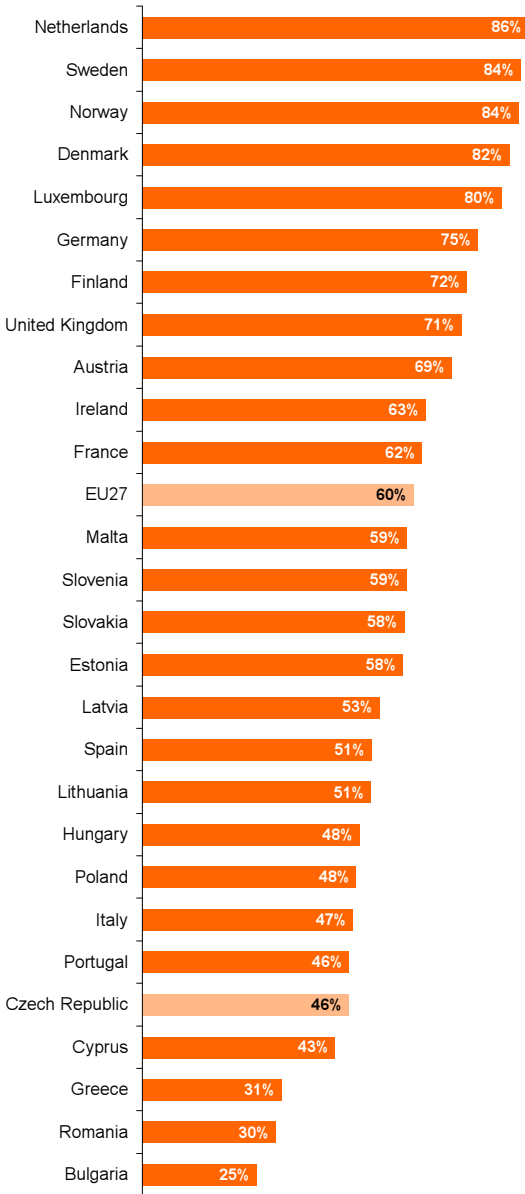
Country	Percentage
Netherlands	86%
Sweden	84%
Norway	84%
Denmark	82%
Luxembourg	80%
Germany	75%
Finland	72%
United Kingdom	71%
Austria	69%
Ireland	63%
France	62%
EU27	60%
Malta	59%
Slovenia	59%
Slovakia	58%
Estonia	58%
Latvia	53%
Spain	51%
Lithuania	51%
Hungary	48%
Poland	48%
Italy	47%
Portugal	46%
Czech Republic	46%
Cyprus	43%
Greece	31%
Romania	30%
Bulgaria	25%

as a percentage of all households where at least 1 member is in age group 16-74 years

Source: Eurostat, 2009

Tab. B5 Households with broadband in the Czech Republic

%

	2006	2007	2008
Total	**15,1**	**25,6**	**33,1**
Total (16-74 years)	16,6	28,1	36,4
Household composition:			
households without children	9,0	14,9	21,6
households with children	25,8	44,1	53,6
Type of locality:			
densely-populated area (big cities)	20,4	33,3	39,3
intermediate urbanized area (urban area	14,4	22,9	30,6
thinly-populated area (rural areas)	11,0	20,4	29,2
Region (NUTS 3):			
Praha	25,5	41,7	47,9
Středočeský	14,8	28,0	34,0
Jihočeský	8,8	24,3	31,0
Plzeňský	12,1	16,6	30,1
Karlovarský	13,7	19,2	24,7
Ústecký	9,2	17,8	23,1
Liberecký	13,4	27,2	24,7
Královéhradecký	17,6	22,0	39,0
Pardubický	15,4	20,0	37,2
Vysočina	14,9	24,7	34,4
Jihomoravský	18,6	29,5	31,1
Olomoucký	12,8	19,0	28,0
Zlínský	10,1	21,9	31,7
Moravskoslezský	13,8	22,9	30,6

as a percentage of all households in a given socio-demographic category

Figure B11 Broadband technology used by households

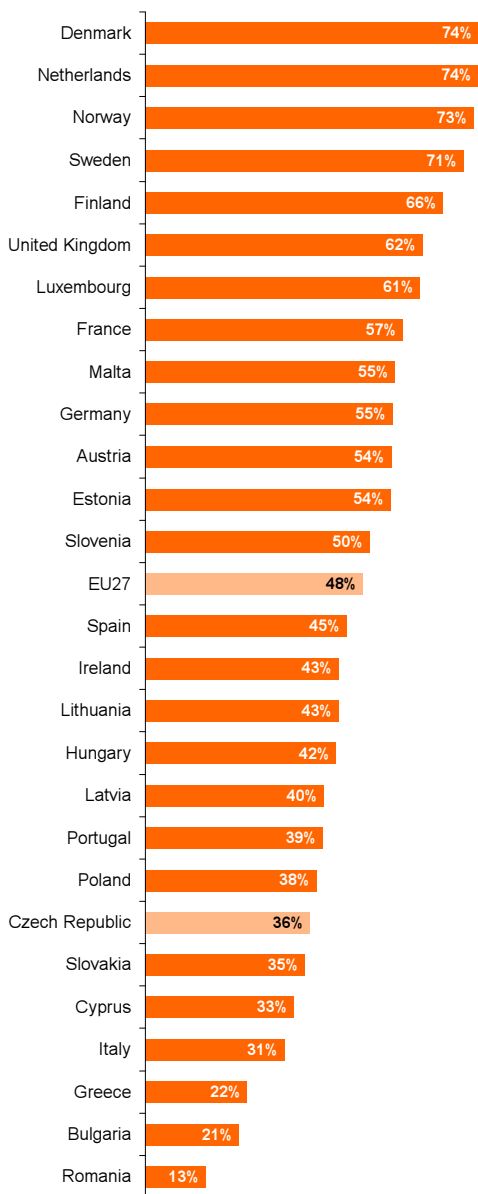■ TV cabel ■ ADSL ■ wireless connection (WIFI, FWA)
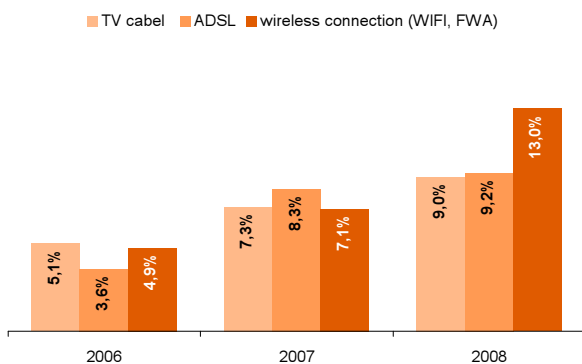
as a percentage of all households

Figure B12 Households with broadband in 2008

Country	Percentage
Denmark	74%
Netherlands	74%
Norway	73%
Sweden	71%
Finland	66%
United Kingdom	62%
Luxembourg	61%
France	57%
Malta	55%
Germany	55%
Austria	54%
Estonia	54%
Slovenia	50%
EU27	48%
Spain	45%
Ireland	43%
Lithuania	43%
Hungary	42%
Latvia	40%
Portugal	39%
Poland	38%
Czech Republic	36%
Slovakia	35%
Cyprus	33%
Italy	31%
Greece	22%
Bulgaria	21%
Romania	13%

as a percentage of all households where at least 1 member is in age group 16-74 years
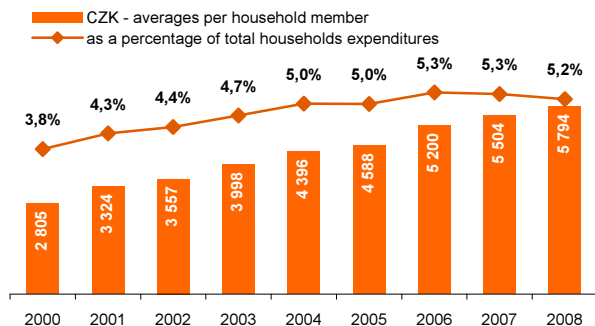
Source: Eurostat, 2009

Tab. B6 Household consumption expenditure
on ICT equipment and services in the Czech Republic

CZK - averages per household member

	2006	2007	2008
Average household	**5 201**	**5 504**	**5 794**
ICT equipment acquisition	**928**	**1 020**	**895**
fixed telephones	9	4	5
mobile phones	271	281	224
computers	648	735	666
Communication services	**4 273**	**4 484**	**4 900**
fixed telephone services	1 331	1 050	871
mobile phone services	2 507	2 779	3 123
Internet provider services	435	655	906
Households with lowest income			
(the bottom decile)	**3 105**	**3 586**	**3 993**
ICT equipment acquisition	**399**	**655**	**557**
fixed telephones	4	1	4
mobile phones	144	180	131
computers	251	475	422
Communication services	**2 706**	**2 931**	**3 436**
fixed telephone services	664	421	400
mobile phone services	1 808	2 117	2 325
Internet provider services	234	393	711
Households with highets income			
(the top decile)	**8 382**	**8 499**	**9 679**
ICT equipment acquisition	**1 656**	**1 657**	**1 945**
fixed telephones	12	1	8
mobile phones	550	395	465
computers	1 094	1 261	1 472
Communication services	**6 726**	**6 842**	**7 735**
fixed telephone services	1 851	1 641	1 300
mobile phone services	3 998	4 098	4 891
Internet provider services	877	1 102	1 544

Figure B13 Household consumption expenditure
on ICT equipment and services

CZK - averages per household member
as a percentage of total households expenditures

2000	2001	2002	2003	2004	2005	2006	2007	2008
2 805	3 324	3 557	3 998	4 396	4 588	5 200	5 504	5 794
3,8%	4,3%	4,4%	4,7%	5,0%	5,0%	5,3%	5,3%	5,2%

Source: Czech Statistical Office, Household Budget Survey