

## B Households

Since 2002 the Czech Statistical Office (CZSO) has been regularly monitoring the selected information and communication technologies (ICT) in Czech households by an independent annual statistical survey titled: **“Sample Survey on ICT Use in Households and by Individuals.”**

This survey is conducted as an annex to the Labour Force Survey (LFS) using a **Computer Assisted Personal Interviewing (CAPI)** as a collection method. In line with the LFS methodology, the results are weighted on the whole targeted population of the Czech Republic.

**Reference period:** 2nd quarter of a monitored year (since 2005)

**Sample size:** 5 000 households

**Comparability of data published by the CZSO and Eurostat:** The data for the Czech Republic published by Eurostat differ 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 with at least one person aged 16 to 74. As a standard, the CZSO publishes data for all households without age restrictions. *This is reason why the tables in this publication for the Czech Republic give dual values: total and total (16-74).*

### Definitions:

- **Households with computer** involve all households, which at the time of the survey stated, that at least one of the household members had an access to a computer at home. Computer refers here to a desktop or portable (including tablets) computer. *Computers that are not owned by the household but can be at a member's disposal for personal use at home (e.g. notebook from work) are also included.*
- **Households with the Internet** include all households, which at the time of survey stated, that at least one of the household members had access to the Internet at home through any device. *'Access' does not refer here to the "connectability" (i.e. can connections be provided in the households' area), but to whether anyone in the household could use the Internet at home if desired.*
- **Broadband connection** includes one of the following Internet access services: xDSL (ADSL etc.) lines, Cable modem (CATV), Fixed wireless connections (FWA, Wi-Fi), Mobile connection, Fibre (FTTx) and other connections that enable a high speed internet connection (256 or more kbit/s, in one or both directions). *Definitions of respective types of broadband connections are given in explanatory notes to the **Chapter A.***

Regional data can be found in chapter 18 of each **Regional yearbook**.

<http://www.czso.cz/eng/edicniplan.nsf/aktual/ep-1#10>

The CZSO's **Household Budget Survey (HBS)** acts as a supplementary source of information for this chapter. From this source originates data on the equipping of households with **fixed and mobile telephones** and about **ICT household expenditures**. *More information on the HBS can be found at: <http://www.czso.cz/csu/2011edicniplan.nsf/engp/3001-11>*

**ICT related expenditures** are subdivided into two main categories using Classification of individual consumption according to purpose (**COICOP**):

- **ICT services (communication) expenditures:**
  - Fixed phone services (08.3.0.1)
  - Mobile phone services (08.3.0.2)
  - Internet connection services (08.3.0.3)
- **ICT equipment expenditures:**
  - Telephone equipment (08.2)
  - Information processing equipment (09.1.3)

The **Eurostat** online database for **Information society statistics** and **Annual national accounts** together with results from the Eurobarometer 362 **E-Communications Household Survey** were used for the international comparison.

**For further information on ICT in households see:**

[http://www.czso.cz/eng/redakce.nsf/i/households\\_expenditures\\_on\\_ict](http://www.czso.cz/eng/redakce.nsf/i/households_expenditures_on_ict)

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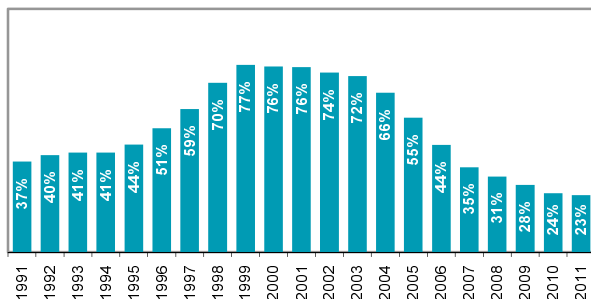
**Tab. B1 Households with a fixed telephone in the Czech Rep.**

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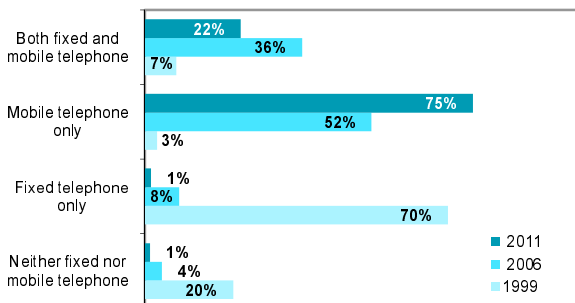
	2009	2010	2011
<b>Total</b>	<b>27,6</b>	<b>24,2</b>	<b>23,4</b>
<b>Household type</b>			
Households without children	31,0	27,2	26,4
Households with children	21,6	18,7	18,0
<b>Economic status of the head of household</b>			
Employee	21,5	18,8	17,5
Self-employed	30,5	25,2	25,2
Unemployed	18,5	15,3	16,6
Pensioner	37,2	34,0	33,3
<b>Age of the head of household</b>			
Till 29 years	6,8	4,1	1,7
30 - 39 years	13,1	10,0	9,0
40 - 49 years	22,3	20,6	21,6
50 - 59 years	30,4	25,7	23,0
60 - 69 years	32,5	28,1	28,6
70 years and over	45,9	42,5	40,9

as a percentage of all households in a given group

**Figure B1 Households with a fixed telephone line**



**Figure B2 Households with fixed and mobile telephone**

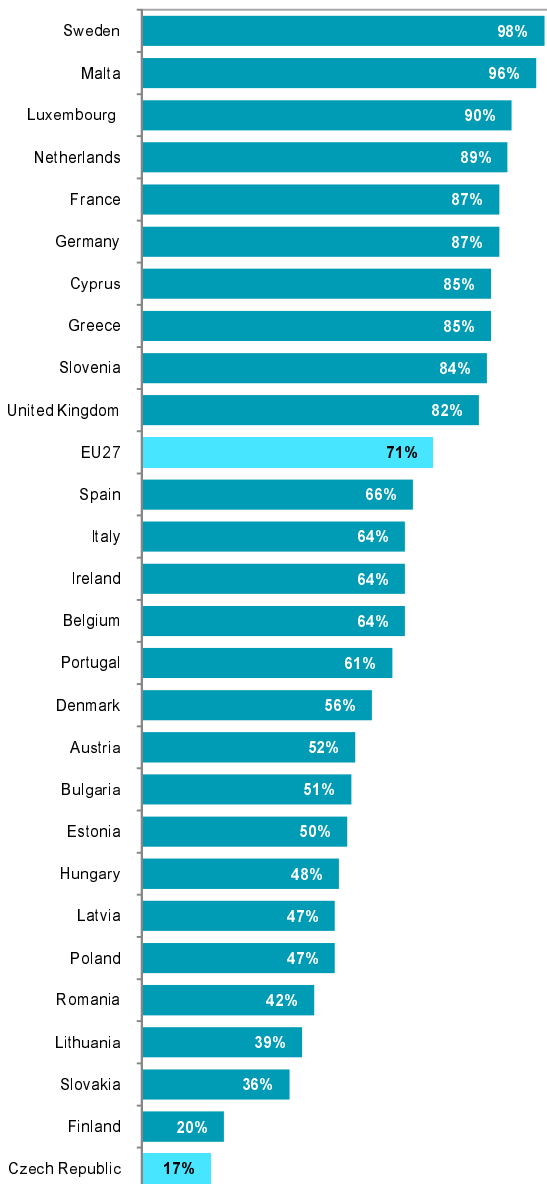


as a percentage of all households

Source: Czech Statistical Office, Household Budget Survey

## B Households

Figure B3 Households with a fixed telephone line; 2011



as a percentage of all households

Source: EC, E-Communications Household Survey, Eurobarometer 362

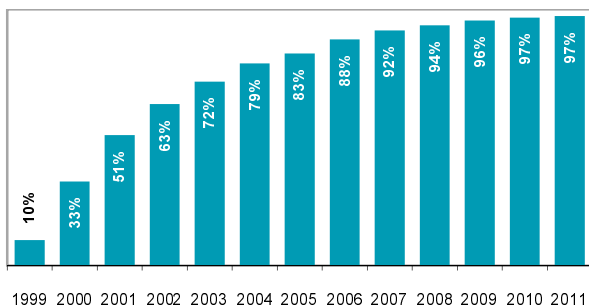
## B Households

**Tab. B2 Households with a mobile phone in the Czech Republic**

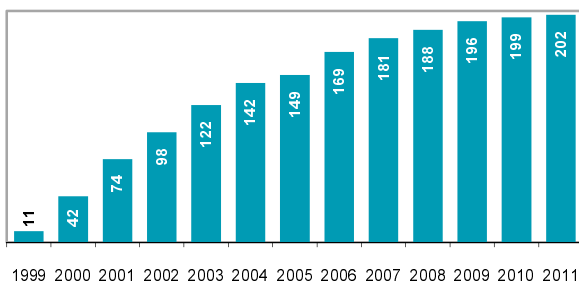
	%		
	2009	2010	2011
<b>Total</b>	<b>95,7</b>	<b>96,8</b>	<b>97,4</b>
Own (in households ownership)	94,6	95,6	96,2
Business (from work, friends etc.)	10,0	10,2	10,2
<b>Household type*</b>			
Households without children	92,1	93,9	94,9
Households with children	98,9	98,8	98,6
<b>Economic status of the head of household*</b>			
Employee	97,7	98,0	97,8
Self-employed	93,7	94,4	95,4
Unemployed	94,5	94,4	94,8
Pensioner	88,6	91,6	93,8
<b>Age of the head of household*</b>			
Till 29 years	98,4	98,6	98,0
30 - 39 years	98,1	98,3	97,7
40 - 49 years	97,4	97,1	98,2
50 - 59 years	96,4	97,0	96,2
60 - 69 years	93,6	95,1	95,8
70 years and over	85,3	89,2	92,4

\* This breakdown is available only for mobile phones owned by households as a percentage of all households in a given group

**Figure B4 Households with a mobile phone (% of households)**



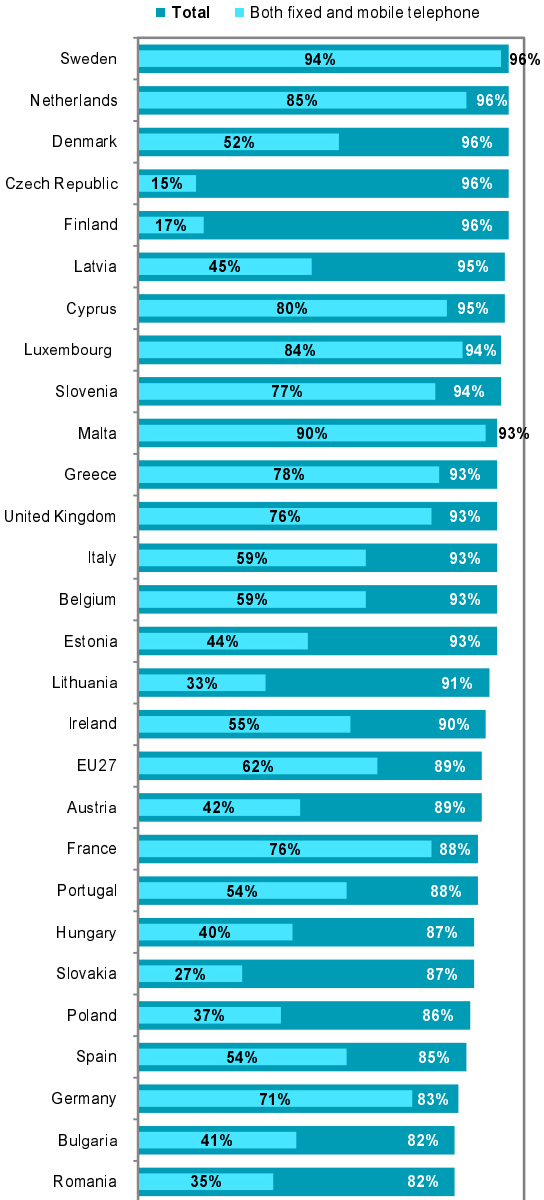
**Figure B5 Mobile phones owned by households (count per 100 households)**



Source: Czech Statistical Office, Household Budget Survey

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Figure B6 Households with a mobile phone; 2011



as a percentage of all households

Source: EC, E-Communications Household Survey, Eurobarometer 362

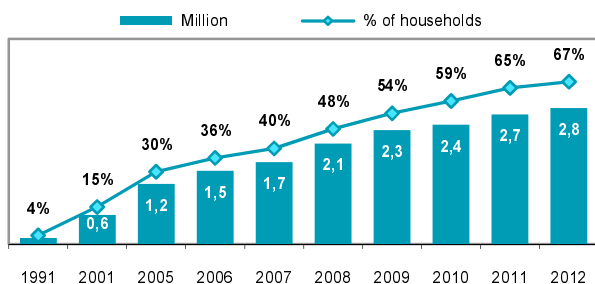
## B Households

**Tab. B3 Households with a computer in the Czech Republic**

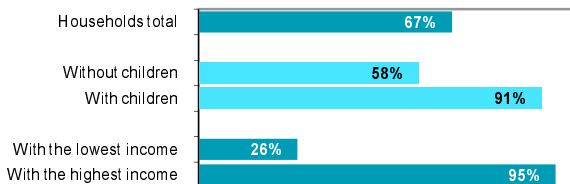
	2010	2011	2012
<b>Total</b>	<b>59,3</b>	<b>64,8</b>	<b>67,3</b>
Total (16–74 years)	64,1	70,3	72,5
<b>Household type</b>			
Households without children	49,9	56,3	58,5
Households with children	84,8	86,8	91,1
<b>Income of household</b>			
the lowest income (first quartile)	21,2	26,5	26,2
second quartile	46,8	50,3	52,8
third quartile	75,1	80,4	86,0
the highest income (fourth quartile)	91,8	93,7	94,8

as a percentage of all households in a given group

**Figure B7 Households with a computer**

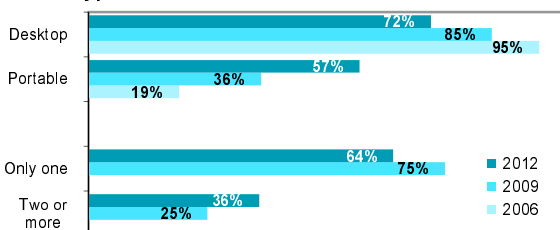


**Figure B8 Households with a PC by type of household; 2012**



as a percentage of all households in a given group

**Figure B9 Type and number of PCs used in households**

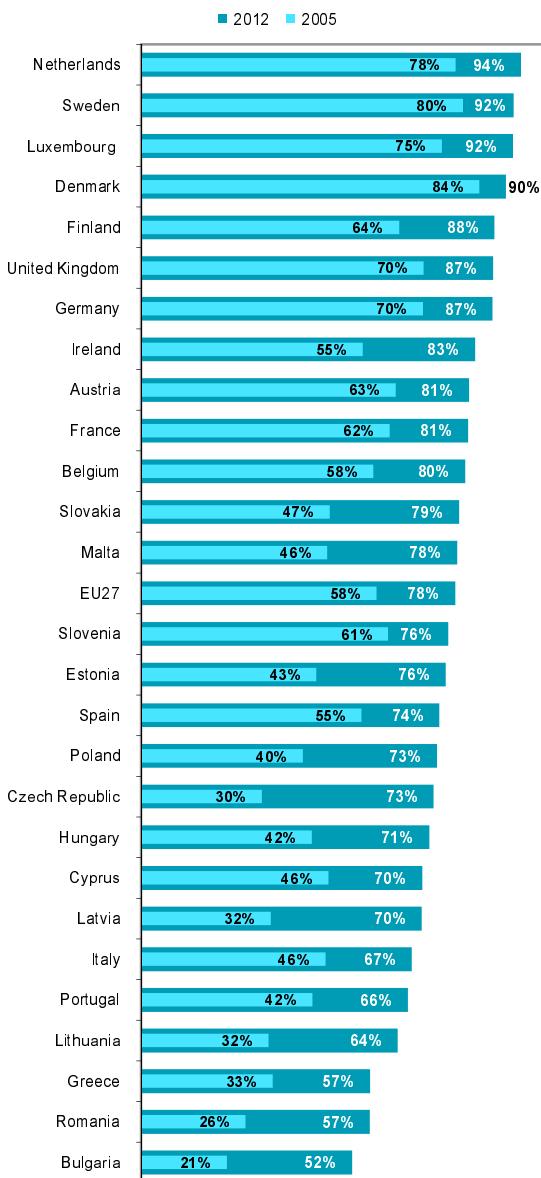


as a percentage of all households with a computer at home

Source: CZSO, Household Survey on ICT Use, Census for 1991 and 2001

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**Figure B10 Households with a computer**



as a percentage of all households with at least one member aged 16 to 74

Note: Instead of year 2012: Denmark, the Netherlands - 2011, instead of year 2005: Austria, Belgium, Bulgaria, Romania - 2006; France - 2007

Source: Eurostat, 2013

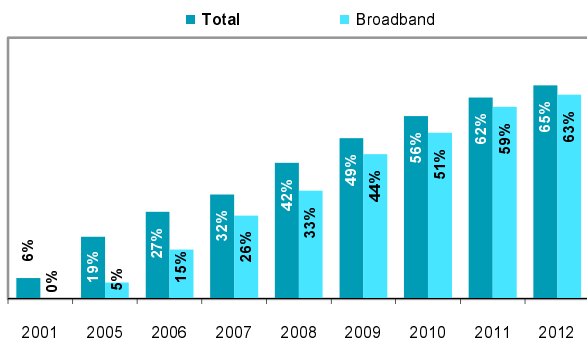
## B Households

Tab. B4 Households with the Internet in the Czech Republic

	%		
	2010	2011	2012
<b>Total</b>	<b>56,0</b>	<b>61,7</b>	<b>65,4</b>
Total (16–74 years)	60,5	66,6	70,6
<b>Household type</b>			
Households without children	47,2	53,1	56,5
Households with children	79,8	84,2	89,6
<b>Income of household</b>			
the lowest income (first quartile)	18,8	23,7	23,6
second quartile	42,0	46,3	49,7
third quartile	71,7	77,0	84,7
the highest income (fourth quartile)	89,1	92,2	93,9

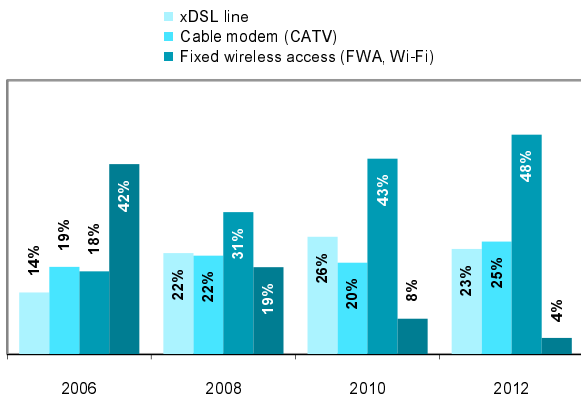
as a percentage of all households in a given group

Figure B11 Households with the Internet



as a percentage of all households in a given group

Figure B12 Internet connection(s) used by households



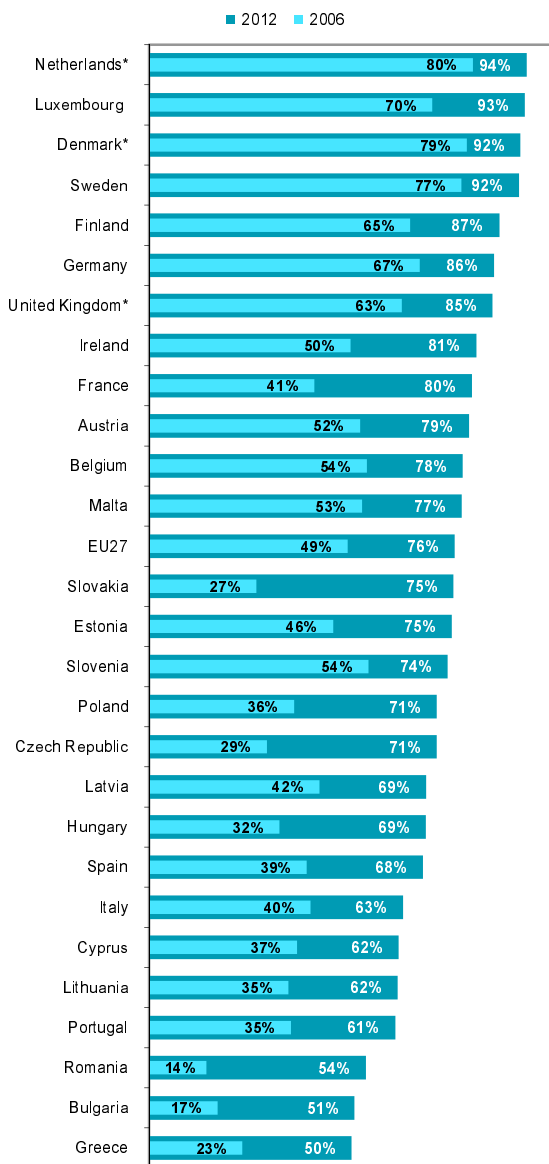
as a percentage of households with Internet access

Source: CZSO, Household Survey on ICT Use, Census for year 2001



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**Figure B13 Households with the Internet**



as a percentage of all households with at least one member aged 16 to 74

\* year 2011 instead of 2012

Source: Eurostat, 2013

## B Households

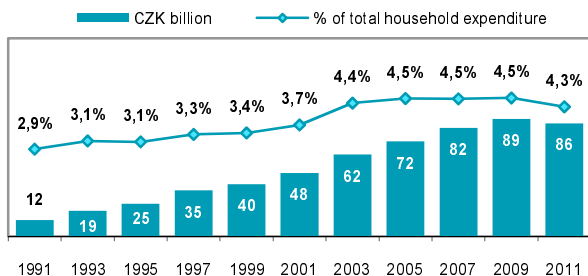
**Tab. B5 Household expenditure on ICT in the Czech Republic**

Averages per household member

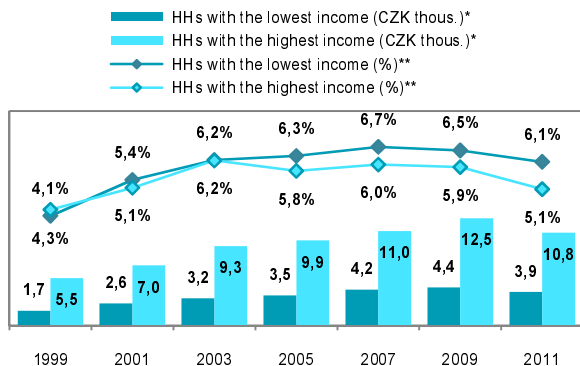
CZK per year

	2009	2010	2011
<b>Total</b>	<b>7 172</b>	<b>7 062</b>	<b>6 731</b>
ICT equipment	2 193	2 091	1 774
ICT services	4 979	4 971	4 957
<b>Income of household</b>			
With the lowest income (lowest decile)	4 443	4 347	3 939
With the highest income (highest decile)	12 503	11 880	10 837

**Figure B14 Household expenditure on ICT**



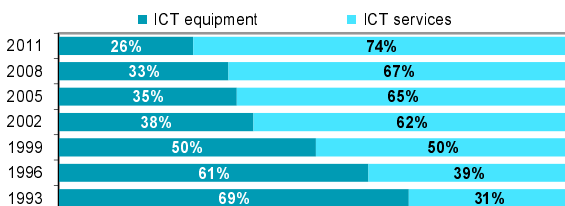
**Figure B15 ICT household expenditure by income**



\* annual averages per household member

\*\* as % of total household consumption expenditure

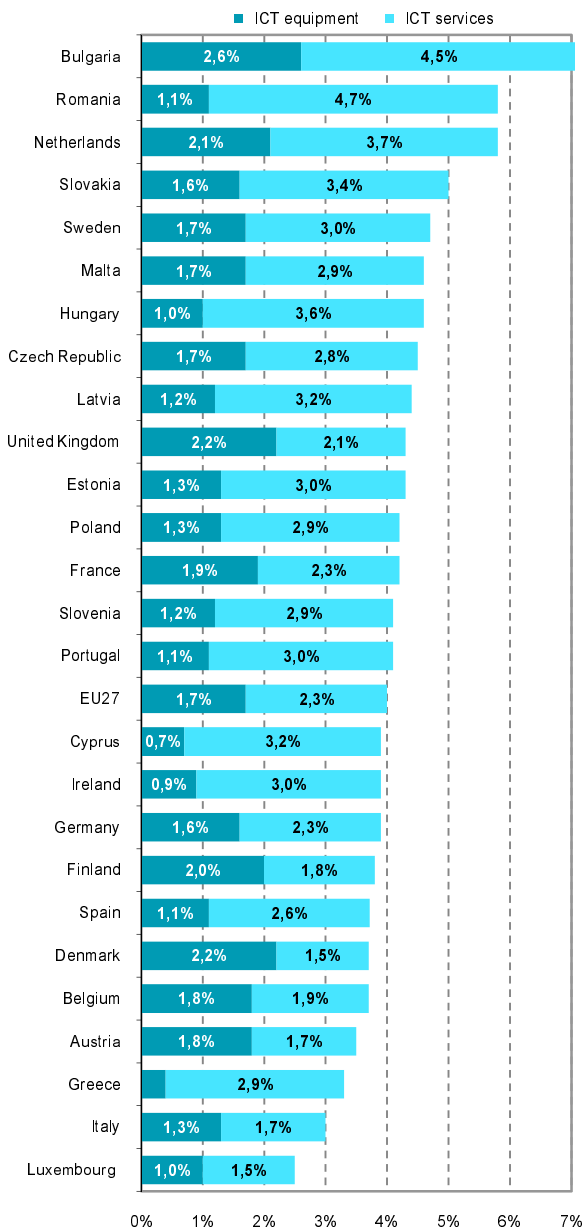
**Figure B16 ICT household expenditure by type of product**



Source: Czech Statistical Office, Household Budget Survey

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Figure B17 Household expenditure on ICT; 2011



as a percentage of total households expenditures

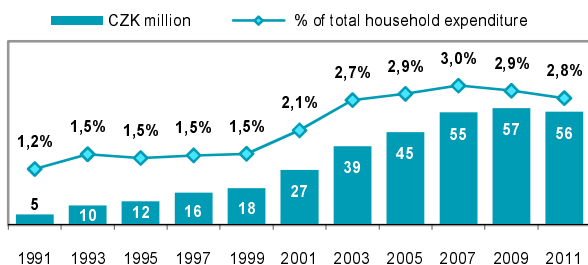
Source: Eurostat based on data from Annual National Accounts, 2013

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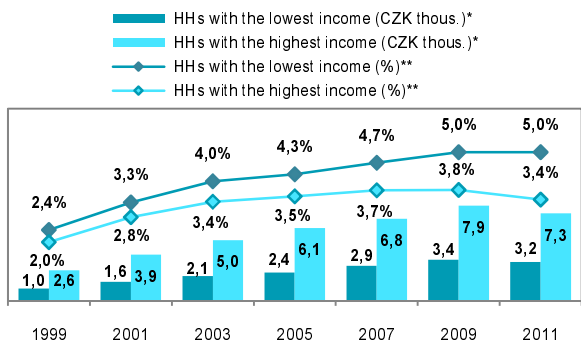
**Tab. B6 Household expenditure on ICT services in the CR**

Averages per household member	CZK per year		
	2009	2010	2011
<b>Total</b>	<b>4 979</b>	<b>4 971</b>	<b>4 957</b>
Fixed telephone services	694	518	435
Mobile phone services	3 222	3 248	3 214
Internet provider services	1 063	1 205	1 308
<b>Income of household</b>			
With the lowest income (lowest decile)	3 420	3 390	3 245
With the highest income (highest decile)	7 932	7 463	7 291

**Figure B18 Household expenditure on ICT services**



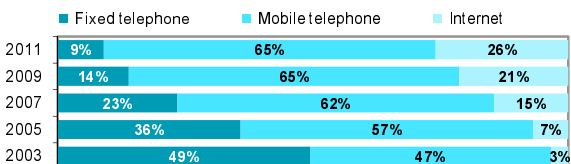
**Figure B19 Household expenditure on ICT services by household's income**



\* annual averages per household member

\*\* as % of total household consumption expenditure

**Figure B20 Household expenditure on ICT services by type of service**



Source: Czech Statistical Office, Household Budget Survey