

## F eHealth

The Czech Statistical Office (CZSO) has been collecting data **on the adoption and use of information technologies in health care** since 2003. The main source for measuring the development of eHealth in the Czech Republic is a short module related to **ICT usage in the health-care facilities** conducted by the CZSO in cooperation with the Institute of Health Information and Statistics of the Czech Republic (IHIS). This module has been conducted annually as a part of a mandatory yearly statement on employers, employees and other contracted workers.

### Notes:

**Reference period:** End of the monitored year for ICT equipment of health establishments and entire reference year for internet activities undertaken by independent physicians.

**Target facilities:** Practices of independent physicians. In 2013, the most recent period of data available, a total of 20 387 practices of independent physicians were surveyed, and 20 297 (99,6% of them) answered the questionnaire.

**Available breakdowns:** Data on the use of information and communication technologies by independent physicians are available by the type of practice and age group of practitioner. Special doctor's practices include offices such as of dermatologists, urologists, ophthalmologists etc.

### Definitions:

- **Computer based patient (health) record** – electronic medical documentation stored in a computer of physician
- **Internet based patient (health) record** – internet based medical documentation which enables healthcare providers and professionals to exchange medical patient data
- **Online appointment system** offers the possibility to make appointments through the health establishment's website, using online form (e-mail is not included).
- **Online consultation** offers the possibility to ask health-related questions, which the health establishment answers by e-mail or may publish the response on its website.

Detailed regional breakdown data on ICT in health establishments can be found in chapter 18 of each **Regional yearbook**.

<https://www.czso.cz/csu/czso/regional-yearbooks>

Data for international comparison of general practitioners comes from The **European Commission** online database. For more information see:

<http://ec.europa.eu/digital-agenda/en/scoreboard>

Information about **individuals** using Internet in relation to health is available from the annual statistical survey conducted by the CZSO titled: **“Sample Survey on ICT Use in Households and by Individuals”**. For more information see **Chapter C** of this publication.

### Definitions:

- **Seeking health related information** – seeking information about diseases, treatment, diagnostics, nutrition etc. on the Internet (at least once in the last 3 months and for personal use only).
- **Making an appointment with a practitioner via a website** at least once in the last 3 months and for personal use only. Sending an e-mail is excluded.

The **Eurostat** online database for **Information society statistics** has been used for the international comparison. *Data from this database were extracted in March 2015.* For more information see:

<http://ec.europa.eu/eurostat/web/information-society> and

<http://ec.europa.eu/eurostat/web/information-society/methodology>

**Further information on eHealth statistics can be found at:**

[https://www.czso.cz/csu/czso/information\\_technologies\\_in\\_the\\_czech\\_health\\_sector](https://www.czso.cz/csu/czso/information_technologies_in_the_czech_health_sector)

## F eHealth

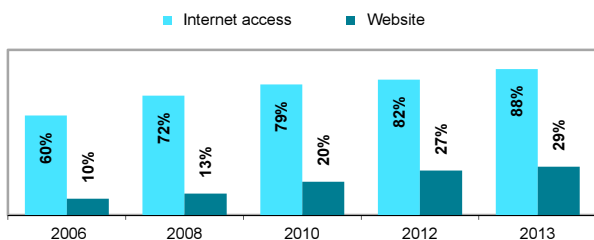
**Tab. F1 Independent physicians in the Czech Republic using in their offices selected ICT; 2013**

%

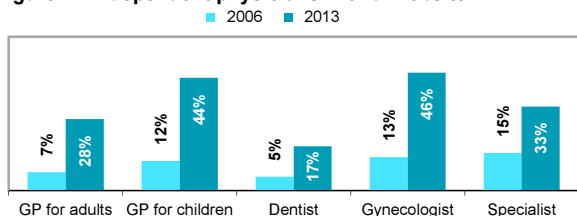
	Computer	Internet	Website
<b>Total</b>	<b>93,3</b>	<b>88,4</b>	<b>29,3</b>
General practitioners for adults	92,7	88,6	27,9
General practitioners for children	93,2	90,5	44,0
Dentists	92,2	85,5	17,3
Gynecologists	96,0	93,8	46,0
Specialists	94,0	89,2	32,8

as a percentage of all independent physicians' offices of a given practice

**Figure F1 Independent physicians with internet access in their office and with a Website**

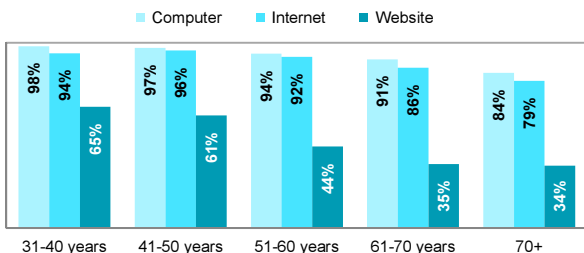


**Figure F2 Independent physicians with a Website**



as a percentage of all independent physicians' offices of a given practice

**Figure F3 GPs for children using selected ICT by age; 2013**



as a percentage of all GPs for children in a given age group

Source: Institute of Health Information and Statistics of the Czech Republic

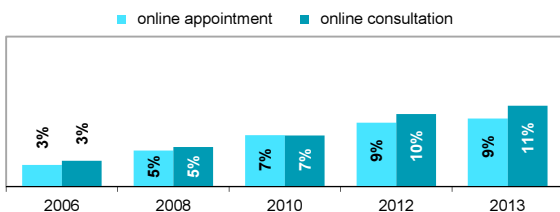
## F eHealth

**Tab. F2 Applications available on independent physicians' websites in the Czech Republic; 2013**

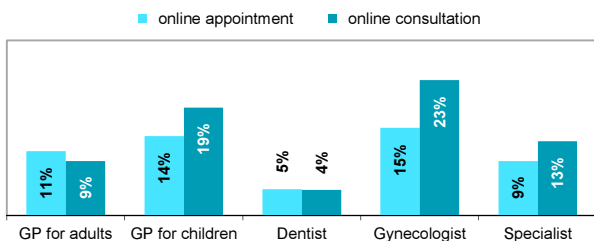
	online appointment	online consultation
<b>Total</b>	<b>9,1</b>	<b>10,8</b>
General practitioners for adults	11,0	9,3
General practitioners for children	13,6	18,5
Dentists	4,5	4,4
Gynecologists	15,0	23,2
Specialists	9,3	12,7

as a percentage of all independent physicians' offices of a given practice

**Figure F4 Online applications available on websites of independent physicians**

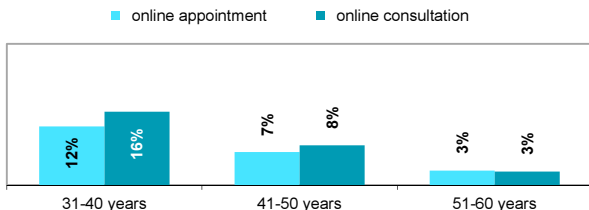


**Figure F5 Online applications available on independent physicians' websites by type of practice; 2013**



as a percentage of all independent physicians' offices of a given practice

**Figure F6 Online applications available on websites of gynecologist's practices by age groups; 2013**



as a percentage of all gynecologists in a given age group

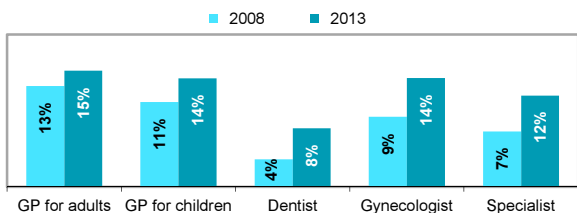
## F eHealth

**Tab. F3 Independent physicians in the Czech Republic keeping health records electronically; 2013**

	on a Computer	on the Internet
<b>Total</b>	<b>73,9</b>	<b>11,9</b>
General practitioners for adults	77,6	15,2
General practitioners for children	66,5	14,3
Dentists	69,5	7,7
Gynecologists	82,1	14,3
Specialists	75,8	12,0

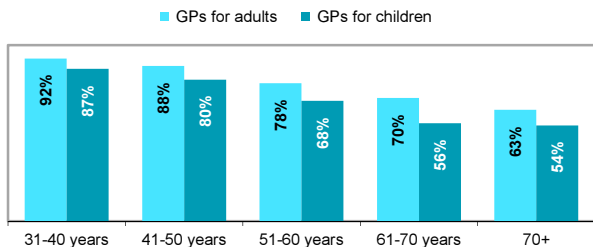
as a percentage of all independent physicians' offices of a given practice

**Figure F7 Independent physicians using the Internet for keeping health records by type of practice**

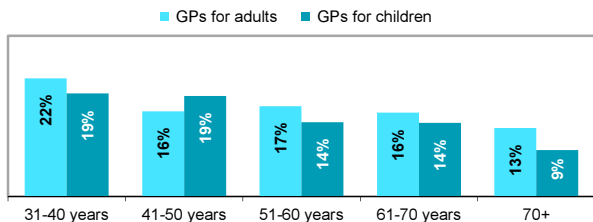


as a percentage of all independent physicians' offices of a given practice

**Figure F8 General practitioners using a computer for keeping health records by age: 2013**



**Figure F9 General practitioners using the Internet for keeping health records by age; 2013**

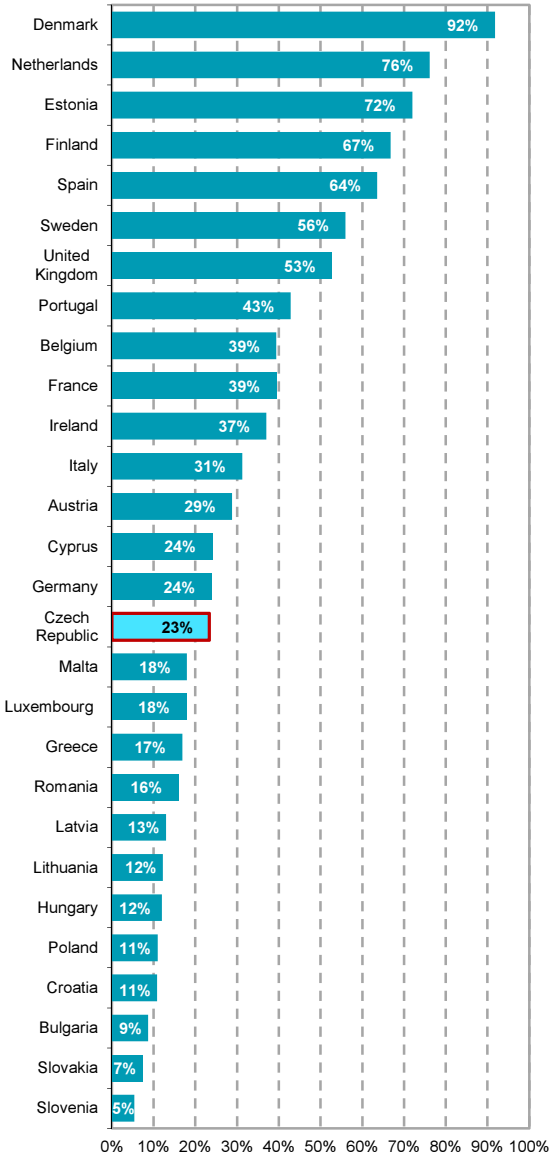


as a percentage of all GPs in a given age group and practice

Source: Institute of Health Information and Statistics of the Czech Republic

## F eHealth

**Figure F10 GPs exchanging medical patient data with other healthcare providers and professionals; 2013**



Source: European Commission 2015

## F eHealth

Tab. F4 Individuals in the Czech Republic seeking online information about health

	2012	2013	2014
<b>Total (aged 16+)</b>	<b>36,2</b>	<b>38,5</b>	<b>41,8</b>
Total (aged 16-74)	39,0	41,6	44,8
<b>Gender:</b>			
Males (aged 16+)	26,7	28,6	32,5
Females (aged 16+)	45,2	47,7	50,7
<b>Age group:</b>			
16-24 year-olds	30,0	38,1	36,7
25-34 year-olds	48,6	52,1	54,3
35-44 year-olds	47,3	51,7	52,7
45-54 year-olds	48,3	46,8	49,8
55-64 year-olds	33,8	34,3	41,0
65 year-olds and over	11,0	12,0	18,9
<b>Education attainment level (aged 25+):</b>			
Primary (ISCED 0, 1 or 2)	12,4	10,9	12,0
Lower secondary (ISCED 3C)	26,2	28,6	30,5
Upper secondary (ISCED 3A or 4)	49,6	49,5	53,9
Tertiary (ISCED 5 or 6)	59,3	58,9	65,1
<b>Specific groups:</b>			
Women on maternity leave	30,0	37,0	26,0
Students (aged 16+)	77,4	72,2	78,0
Pensioners	14,3	15,2	22,1

as a percentage of all individuals in a given socio-demographic group

Figure F11 Individuals seeking online information about health

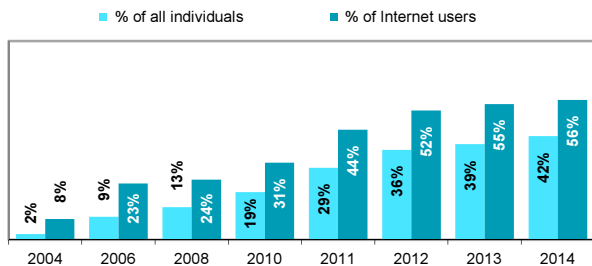
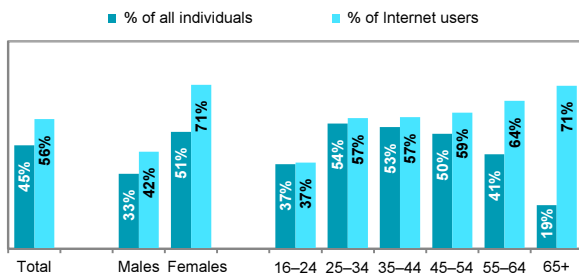
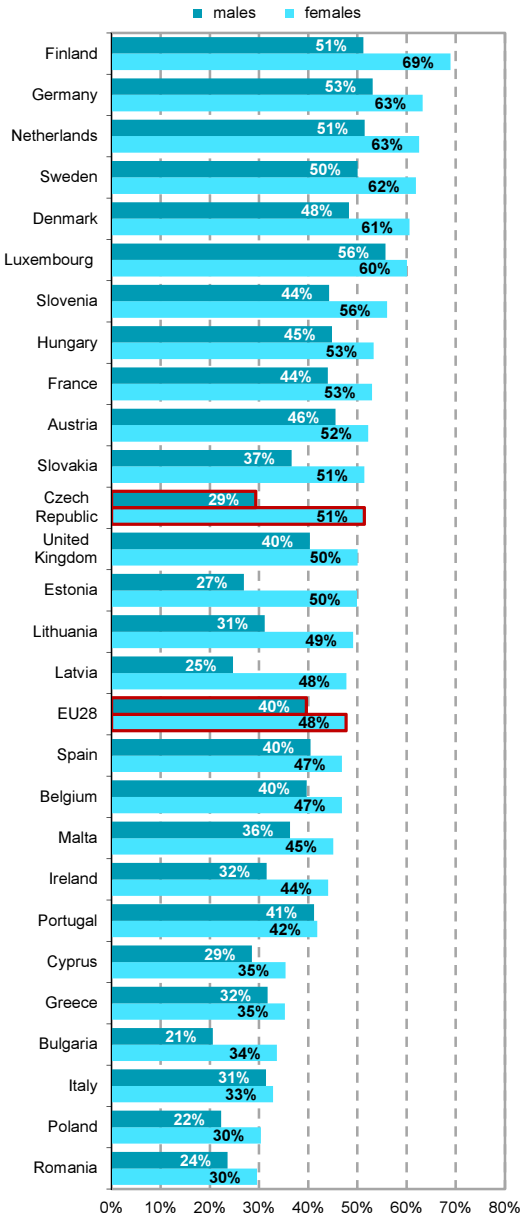


Figure F12 Individuals seeking online information about health by sex and age; 2014



Source: Czech Statistical Office, ICT use survey in households

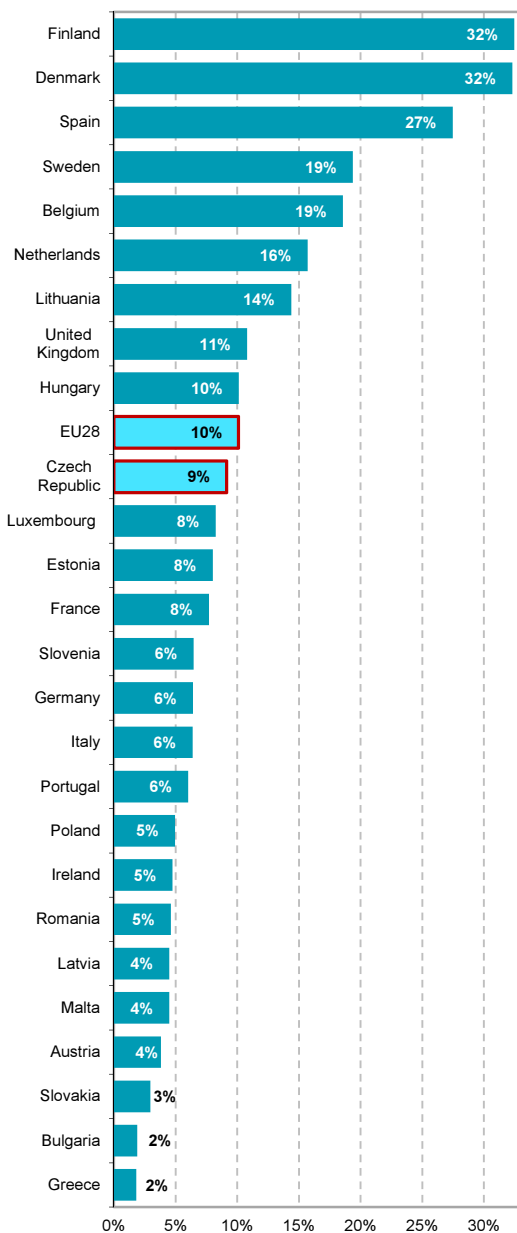
**Figure F13 Individuals seeking online information about health by sex; 2013**



as a percentage of all males/females aged 16 to 74 in a given country

## F Health establishments

Figure F14 Individuals that used the Internet for making an appointment with a practitioner via a website; 2014



as a percentage of all individuals aged 16 to 74 in a given country

Source: Eurostat 2015