

B ICT services expenditures

Services in the field of information and communication technologies (hereinafter as the **ICT services**) are defined as services, which must primarily be intended to fulfill or enable the function of information processing and communication by electronic means, including transmission and display (OECD 2008). ICT services are in the European Economic Community (2008 version) classified by Activity according to the Statistical Classification of Products. As the Czech Database of Annual National Accounts is available only at 2-digit (division) level of CPA classification ICT services include two following CZ-CPA divisions:

- **Telecommunications services** (CZ-CPA 61)
- **IT services** (Computer programming, consultancy and related services CZ-CPA 62)

ICT services expenditures by **resources (supply)** are divided into domestic production/output (P.1), imports (P.7) and other expenditures (trade margins, transport margins, taxes on products and subsidies on products).

ICT services expenditures by **type of expenditures (use)** are divided into intermediate consumption (P.2), final consumption (P.3) and gross fixed capital formation (investment P.51).

Intermediate consumption (P.2) consists of the value of the goods and services consumed as inputs by a process of production, excluding fixed assets whose consumption is recorded as consumption of fixed capital. The goods and services may be either transformed or used up by the production process. Intermediate consumption excludes items treated as gross capital formation. *Households do not make intermediate consumption but final consumption expenditures.*

Final consumption expenditure (P3) consists of expenditure incurred by resident institutional units (**mainly households**) on goods or services that are used for the direct satisfaction of individual needs or wants or the collective needs of members of the community. Final consumption expenditure may take place on the domestic territory or abroad. *Corporations do not make final consumption expenditures. Their purchases of the same kind of goods or services as used by households for final consumption are used for intermediate consumption.*

Gross fixed capital formation (P.51) consists of resident producers acquisitions, less disposals, of fixed assets during a given period plus certain additions to the value of non-produced assets realized by the productive activity of producer or institutional units. Fixed assets are tangible or intangible assets produced as outputs from processes of production that are themselves used repeatedly, or continuously, in processes of production for more than one year.

Software investment in tables refers to the Gross fixed capital formation (GFCF) (P.51) and includes **the following CZ-CPA codes**:

- Computer programming, consultancy and related services (CZ-CPA 62)
- Software publishing services (CZ-CPA 58.2)

The data come from the **Annual National Accounts Statistics** of the Czech Statistical Office (CZSO). Information on annual national accounts is available on the website of the CZSO at:

http://www.czso.cz/eng/redakce.nsf/i/gdp_national_accounts_ekon

B ICT services expenditures

Table B1 Expenditure on ICT services in the Czech Republic

CZK million

	2008	2009	2010*
Total	274 271	278 661	281 316
Telecommunication services	152 636	150 385	143 767
IT services	121 635	128 276	137 549
Supply resources			
Domestic output**	221 814	221 510	228 052
Imports	24 067	29 488	24 606
Others (trade margins, taxes, subsidies)	28 390	27 663	28 658
Type of expenditures			
Investment	40 277	39 965	42 841
Final consumption	58 439	56 832	55 047
Intermediate consumption	175 555	181 864	183 428

* preliminary data

** excluding domestic production intended for exports

Figure B1 Expenditure on ICT services (CZK billion)

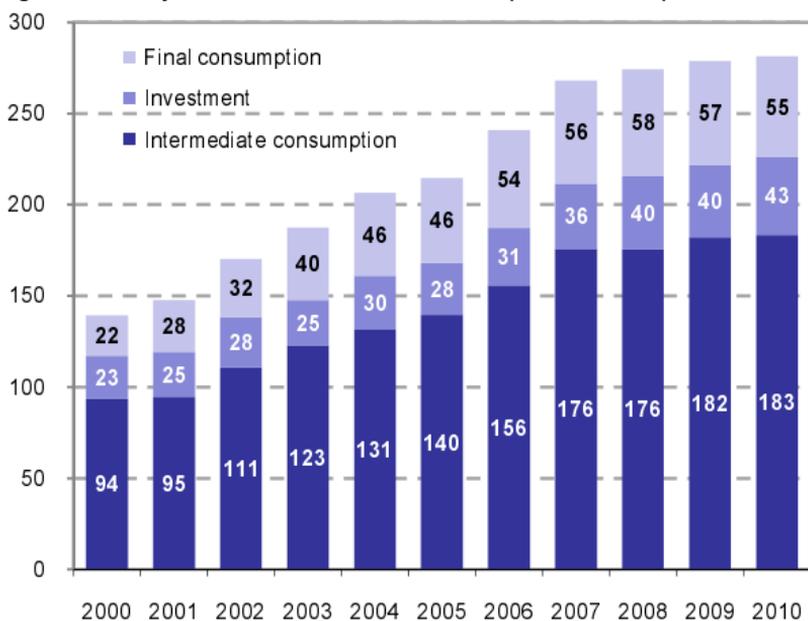
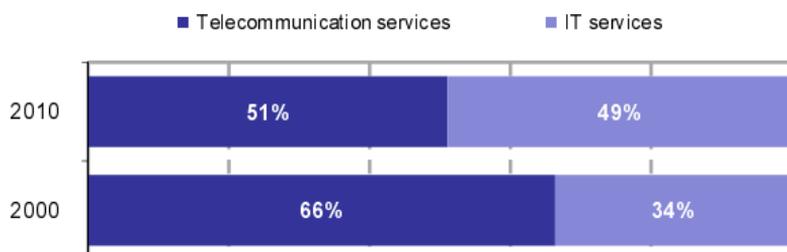


Figure B2 Composition of expenditure on ICT services by main categories of ICT services



Source: CZSO, Annual national accounts - Supply and use tables

B ICT services expenditures

Table B2 Expenditure on IT services in the Czech Republic

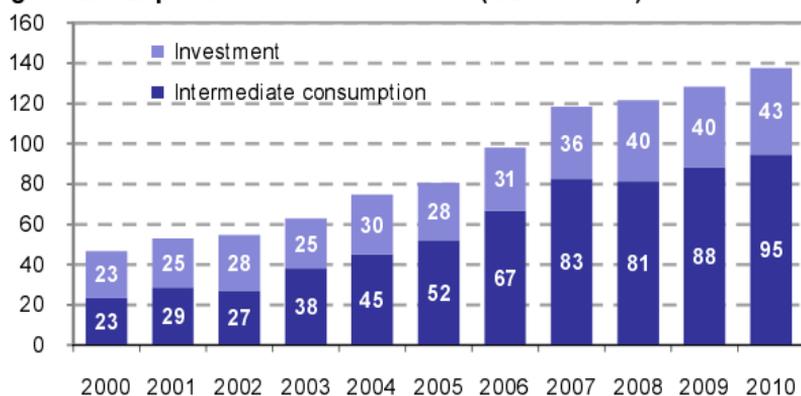
CZK million

	2008	2009	2010*
Total	121 635	128 276	137 549
Supply resources			
Domestic output**	88 130	92 565	105 039
Imports	15 474	18 549	14 109
Others (trade margins, taxes, subsidies)	18 031	17 162	18 401
Type of expenditures			
Investment	40 277	39 965	42 841
Final consumption			
Intermediate consumption, total	81 355	88 311	94 708
Industry (CZ-NACE Section)			
Agriculture, forestry and fishing	198	212	259
Mining and quarrying	42	44	51
Manufacturing	9 335	8 370	9 492
Electricity, gas and water supply	551	657	590
Construction	1 055	1 131	1 238
Wholesale and retail trade	5 776	7 248	7 747
Transportation and storage	1 588	1 846	2 177
Accommodation and food service activ.	273	313	331
Information and communication	31 118	35 350	37 554
<i>thereof Computer programming</i>	24 378	28 312	30 091
Financial and insurance activities	14 719	14 416	14 064
Real estate activities	1 681	1 529	1 741
Professional, scientific and technical activ.	5 849	6 443	7 012
Administrative and support service activ.	1 554	1 512	1 596
Public administration and defence	3 309	3 971	4 672
Education	967	1 167	1 074
Human health and social work activities	581	765	918
Other community, social services	2 759	3 337	4 192

* preliminary data

** excluding domestic production intended for exports

Figure B3 Expenditure on IT services (CZK billion)



Source: CZSO, Annual national accounts - Supply and use tables

B ICT services expenditures

Table B3 Expenditure on Telecommunication services in the CR

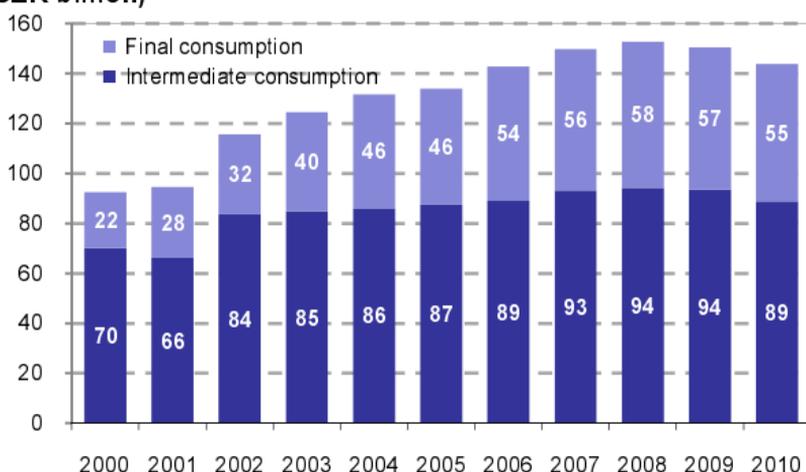
CZK million

	2008	2009	2010*
Total	152 636	150 385	143 767
Supply resources			
Domestic output **	133 684	128 945	123 013
Imports	8 593	10 939	10 497
Others (trade margins, taxes, subsidies)	10 359	10 501	10 257
Type of expenditures			
Investment			
Final consumption	58 436	56 832	55 047
Intermediate consumption total	94 200	93 553	88 720
Industry (CZ-NACE Section)			
Agriculture, forestry and fishing	588	576	653
Mining and quarrying	78	72	73
Manufacturing	6 262	4 937	5 105
Electricity, gas and water supply	1 080	1 105	1 006
Construction	2 503	2 343	2 330
Wholesale and retail trade	5 388	6 598	6 044
Transportation and storage	3 155	3 052	3 378
Accommodation and food service activ.	2 170	2 303	2 321
Information and communication	47 117	46 148	41 158
<i>thereof Telecommunications</i>	<i>43 038</i>	<i>42 099</i>	<i>37 160</i>
Financial and insurance activities	2 754	2 603	2 523
Real estate activities	2 549	2 171	2 227
Professional, scientific and technical activ.	5 246	5 073	5 169
Administrative and support service activ.	1 337	1 178	1 133
Public administration and defence	11 392	12 431	12 261
Education	583	645	634
Human health and social work activities	1 046	1 218	1 366
Other community, social services	952	1 100	1 339

* preliminary data

** excluding domestic production intended for exports

Figure B4 Expenditure on Telecommunication services (CZK billion)



Source: CZSO, Annual national accounts - Supply and use tables

B ICT services expenditures

Table B4 Software investment in the Czech Republic

CZK million

	2008	2009	2010*
Total	42 320	42 095	45 110
<i>thereof:</i>			
Non-financial sector	27 847	26 217	30 985
Financial corporations	8 118	7 356	8 166
General government	5 964	8 347	5 186
Households	282	111	711
Non-profit institutions	109	64	62
Industry (CZ-NACE section)			
Agriculture, forestry and fishing	118	83	193
Mining and quarrying	89	68	343
Manufacturing	6 400	5 023	5 917
Electricity, gas and water supply	1 072	1 244	1 392
Construction	1 440	294	590
Wholesale and retail trade	3 014	2 027	2 711
Transportation and storage	4 135	2 527	2 493
Accommodation and food service activ.	173	179	199
Information and communication	10 111	11 323	11 650
Financial and insurance activities	8 118	7 358	8 189
Real estate activities	147	209	467
Professional, scientific and technical activ	1 571	1 654	2 137
Administrative and support service activ.	895	1 010	1 664
Public administration and defence	3 392	7 340	4 491
Education	607	680	685
Human health and social work activities	621	650	1 552
Other community, social services	417	426	437

* preliminary data

Figure B5 Software investment

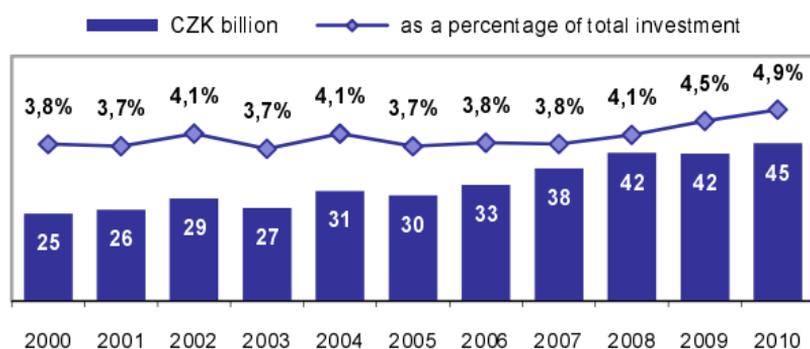
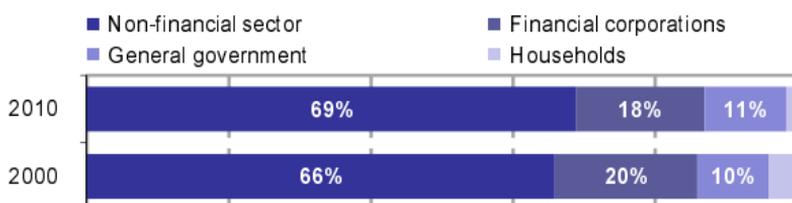


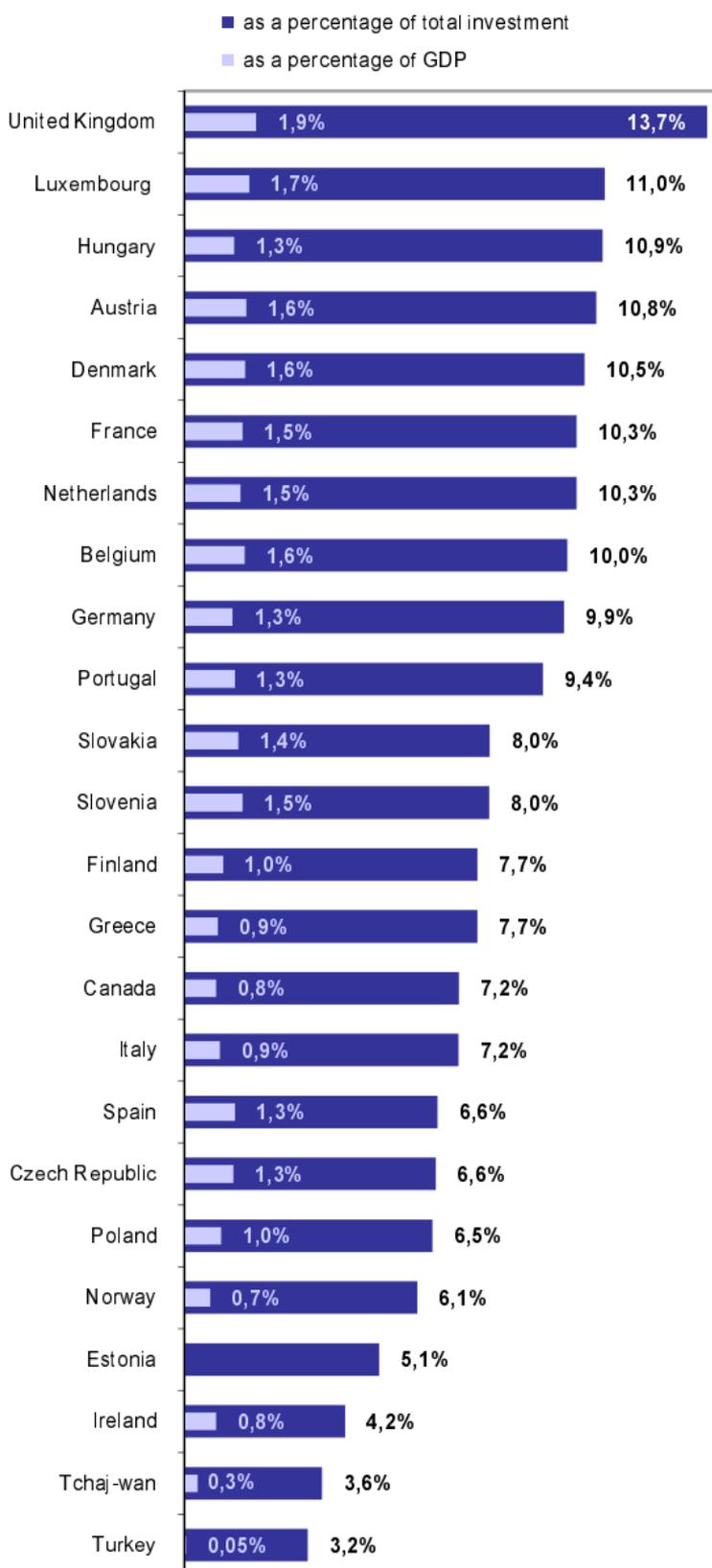
Figure B6 Composition of software investment by institutional sectors



Source: CZSO, Annual national accounts - Supply and use tables

B ICT services expenditures

Figure B7 Investment in ICT equipment and software, 2005*



* or closest available year

Source: OECD, Input-output tables