

F International trade in ICT services

Services in the field of information and communication technologies (hereinafter as the **ICT services**) are defined as services that must primarily be intended to fulfil or enable the function of information processing and communication **by electronic means**, including their record, transmission, and display (OECD, 2009).

Respective items of the ICT services are defined based on the **Extended Balance of Payment Services Classification (EBOPS 2010)** and subdivided into **two main categories** as follows:

- **Telecommunication services (code SI1/9.1)** include, first of all, transactions of Czech and foreign telecommunication operators for implemented international calls by means of fixed or mobile telephone networks. Other telecommunication services involve payments for the access to the Internet, cable television, and to other computer networks, including providing of services as e-mail, video conferences, or transmitting of audio-visual signal over the Internet, cable networks or satellites.
- **Computer services (code SI22/9.2.2)** consist mainly of consultancy services in the fields of hardware and software of computers, including maintenance and repairs of both hardware and software and services related to data processing.
- **Computer software (code SI21/9.2.1)** involves purchase and sale of tailor-made software and application (original computer software), including purchase and sale of ownership rights to such software or licence fees for the software use. Furthermore, it is also purchase and sale of standard software and applications supplied over the Internet, including purchase and sale of ownership rights to such software or licence fees for the software use. *Note 1: Computer services does not include purchase and sale of standard software packages supplied on physical media carriers (CD-ROMs, flash disks, etc.), or as a part of hardware (as Microsoft products, for instance), which are considered to be goods and are reported within the statistics on international trade in goods.* *Note 2: The computer software category includes here also licences to reproduce and/or distribute computer software (code SH3).*

More detailed information about the **EBOPS 2010 classification** can be found at: <https://unstats.un.org/unsd/classifications/Family/Detail/101>

Data on exports and imports of the ICT services come from the **Sample survey on exports and imports of services (ZO 1-04)** carried by the Czech Statistical Office (CZSO) quarterly. For more information about international trade in services statistics in the CZSO, see: <https://www.czso.cz/csu/czso/international-trade-in-services>

Note: The international trade in ICT services in the Czech Republic is dominated by transactions of foreign-controlled enterprises, units of multinationals enterprise groups.

Data on international trade in ICT services for the Czech Republic for 2020 are preliminary.

The **Eurostat Balance of Payments Database** was used as a data source for the **international comparison**. Data for international comparisons refer to the **reported or nearest available year**. More information about this data source can be found at: https://ec.europa.eu/eurostat/cache/metadata/en/bop_its6_esms.htm

Note: In the international comparison data for computer software do not include data for Licenses for the distribution or distribution of computer software (EBOPS 2010 code SH3) as for most countries these data are not available separately in the Eurostat database.

For further information on trade in ICT services, see (only in Czech):

https://www.czso.cz/csu/czso/zahranicni_obchod_s_ict_sluzbami

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Table F1 ICT services exports from Czechia

	CZK million		
	2019	2020	2021
Total	105 286	118 327	130 626
Telecommunication services	14 286	17 314	21 143
Computer services	54 261	56 239	60 954
Computer software	36 739	44 774	48 529
by selected countries			
EU27, total	54 500	61 480	64 874
of which to Germany	16 432	18 664	19 262
Other countries, total	50 786	56 847	65 752
of which to the United States	23 027	26 589	31 597

Figure F1 ICT services exports

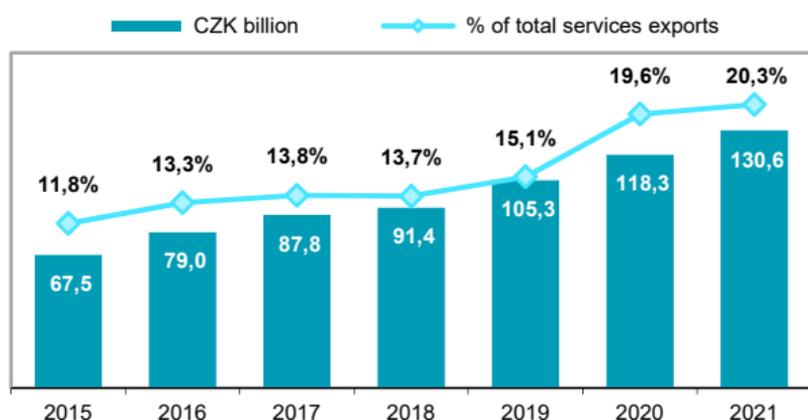


Figure F2 ICT services exports, by type of ICT services

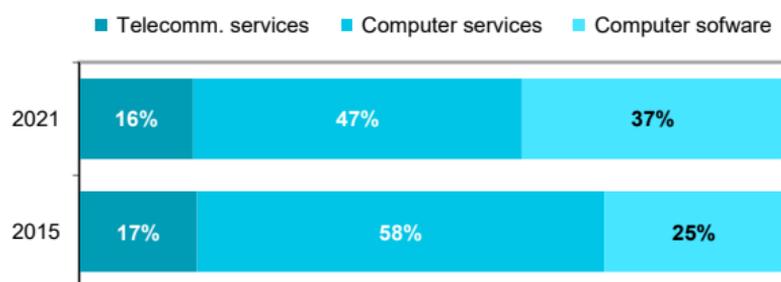


Figure F3 ICT services exports, by countries



Source: CZSO, Survey on exports and imports of services

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Figure F4 ICT services exports; 2020
(% of total services exports)

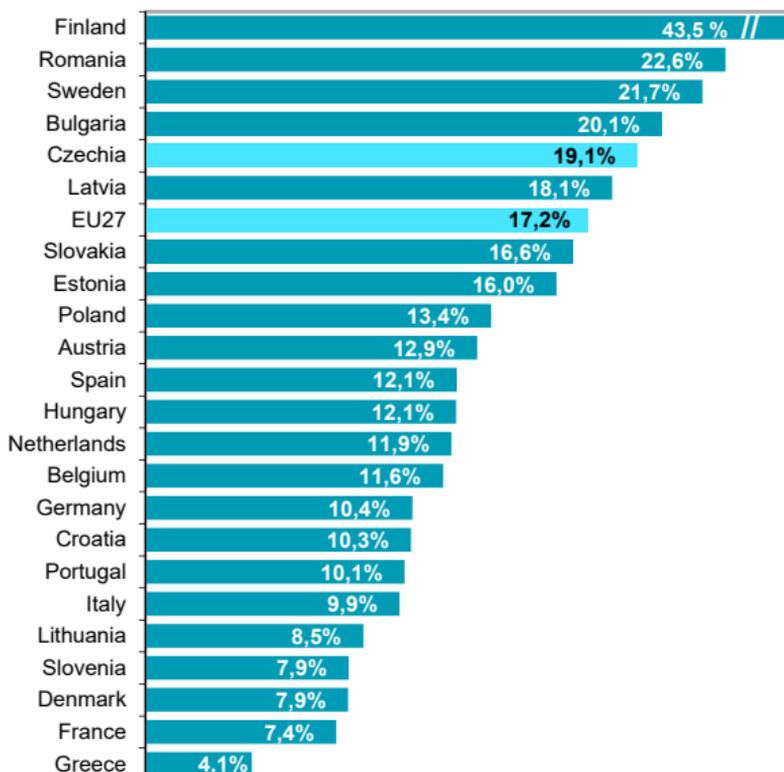
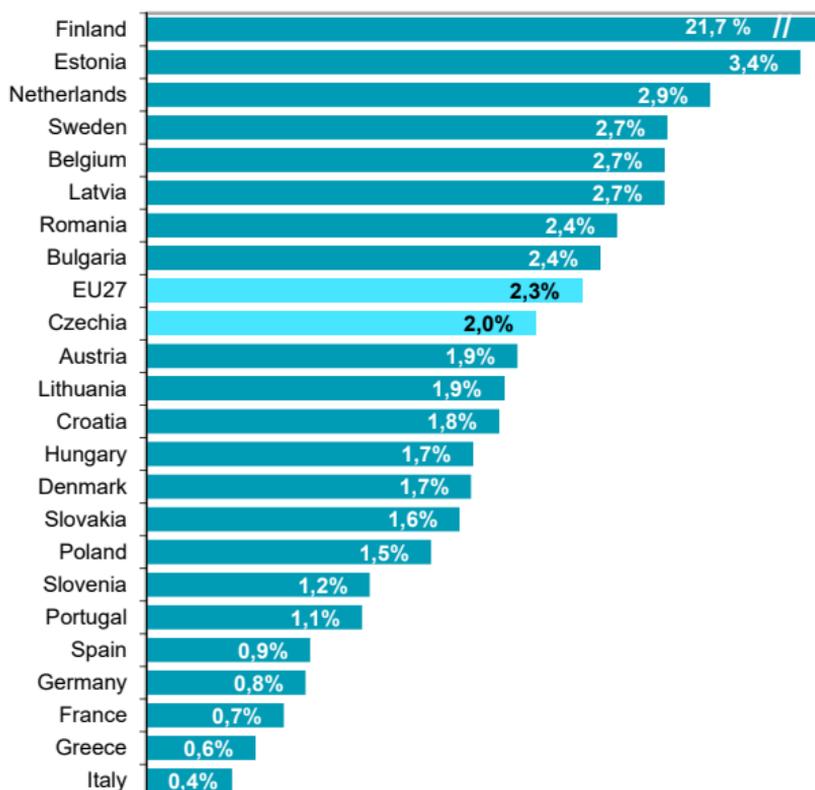


Figure F5 ICT services exports; 2020 (% of GDP)



Source: CZSO calculations based on Eurostat

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Table F2 ICT services imports to Czechia

CZK million

	2019	2020	2021
Total	53 040	62 374	69 512
Telecommunication services	11 535	15 578	19 537
Computer services	29 715	31 501	33 526
Computer software	11 790	15 295	16 450
by selected countries			
EU27, total	31 122	37 287	41 854
of which to Germany	11 875	13 214	13 466
Other countries, total	21 918	25 088	27 658
of which to the United States	3 277	3 058	3 192

Figure F6 ICT services imports

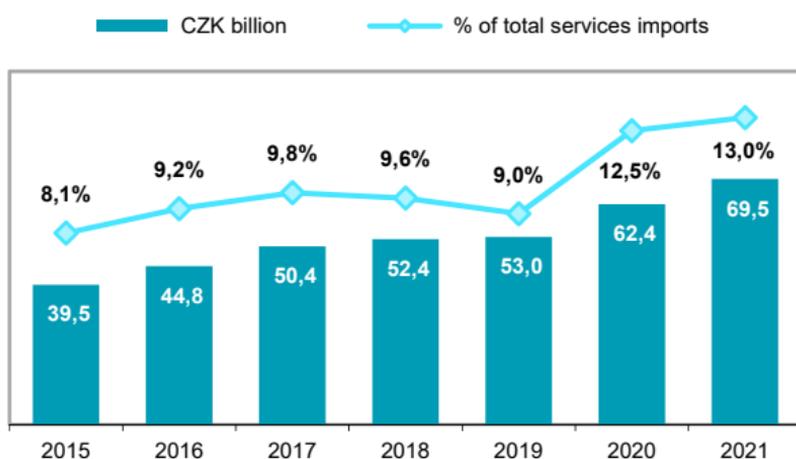


Figure F7 ICT services imports, by type of ICT services

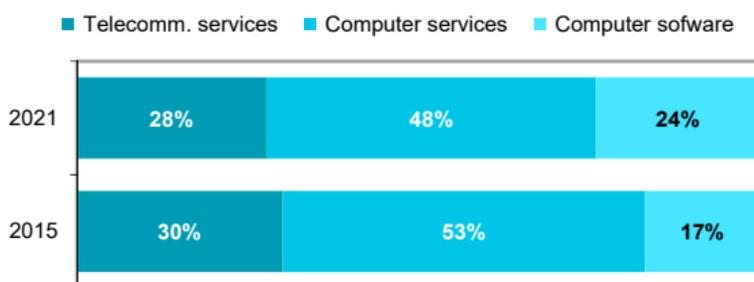
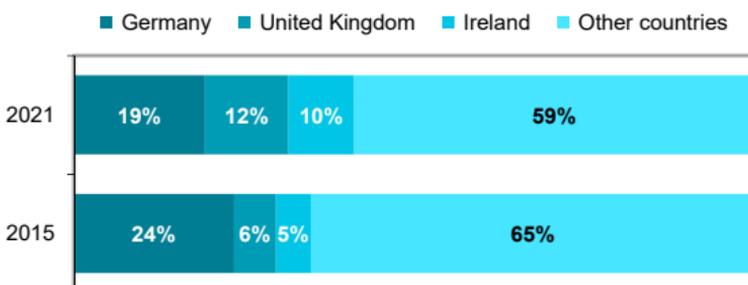


Figure F8 ICT services imports, by countries



Source: CZSO, Survey on exports and imports of services

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Figure F9 ICT services imports, 2020
(% of total services imports)

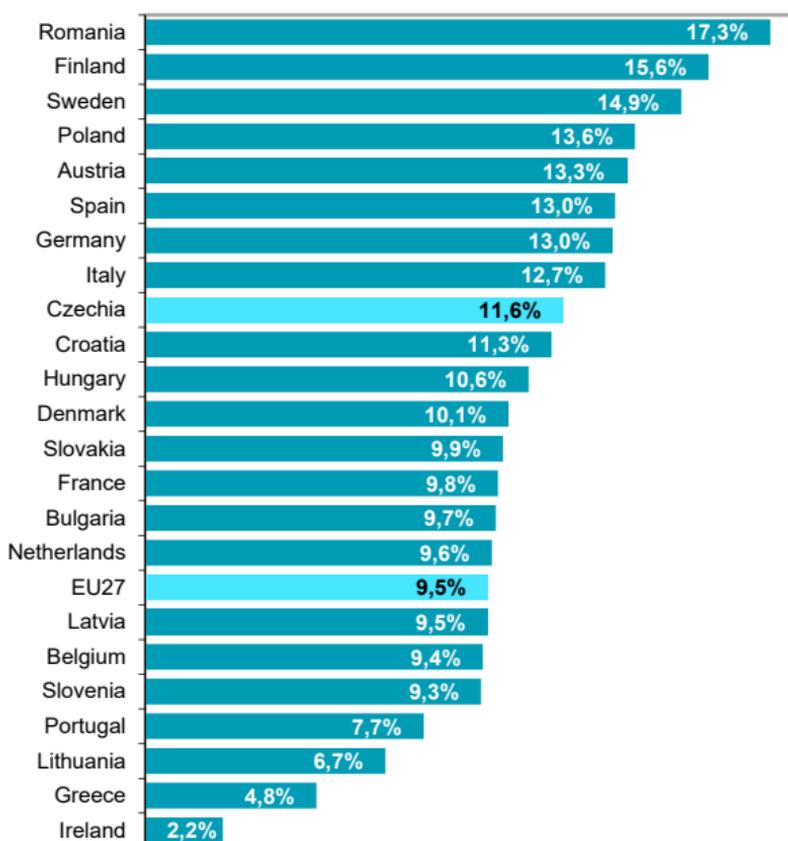
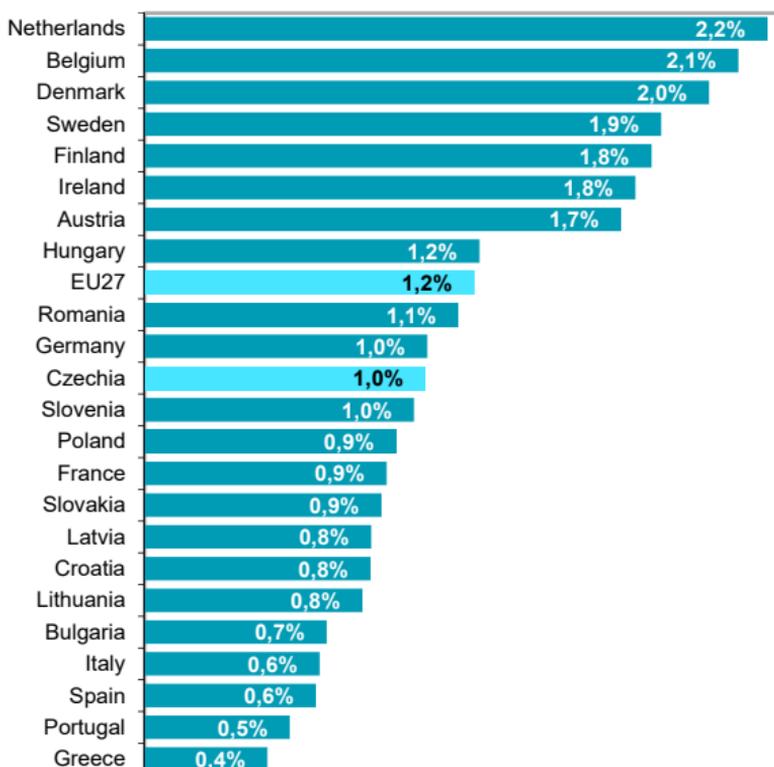


Figure F10 ICT services imports, 2020 (% of GDP)



Source: CZSO calculations based on Eurostat

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Tab F3 Computer services and software exports from Czechia

CZK million

	2019	2020	2021
Total	91 000	101 013	109 483
Computer services	54 261	56 239	60 954
Computer software	36 739	44 774	48 529
by selected countries			
EU27, total	48 662	53 851	56 589
of which to Germany	15 128	16 738	17 978
Other countries, total	36 397	36 397	52 894
of which to the United States	21 625	24 965	29 177

Figure F11 Computer services and software exports

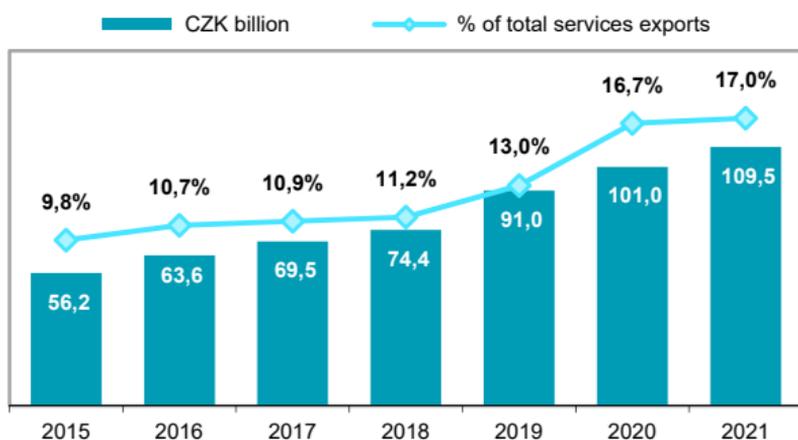


Figure F12 Computer services and software exports, by type of services

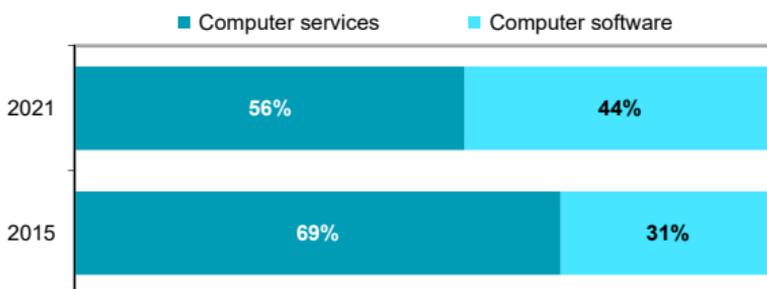
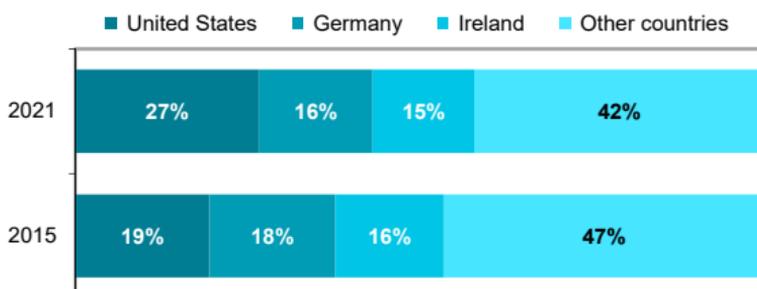


Figure F13 Computer services and software exports, by countries



Source: CZSO, Survey on exports and imports of services

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Tab F4 Computer services and software imports to Czechia

CZK million

	2019	2020	2021
Total	41 504	46 796	49 976
Computer services	29 715	31 501	33 526
Computer software	11 790	15 295	16 450
by selected countries			
EU27, total	26 166	29 820	34 420
of which to Germany	10 761	11 242	12 089
Other countries, total	11 808	35 554	15 555
of which to the United States	3 097	2 800	2 600

Figure F14 Computer services and software imports

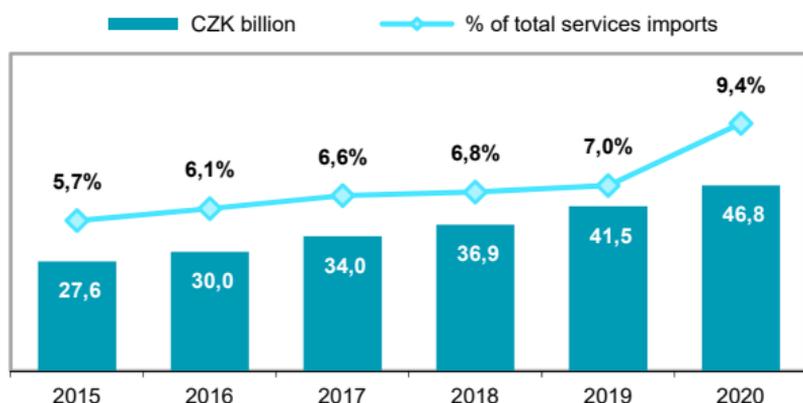


Figure F15 Computer services and software imports, by type of services

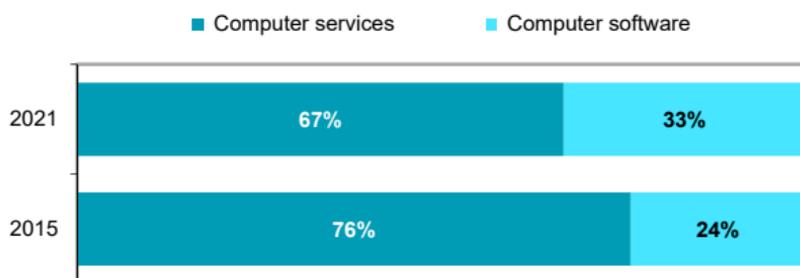
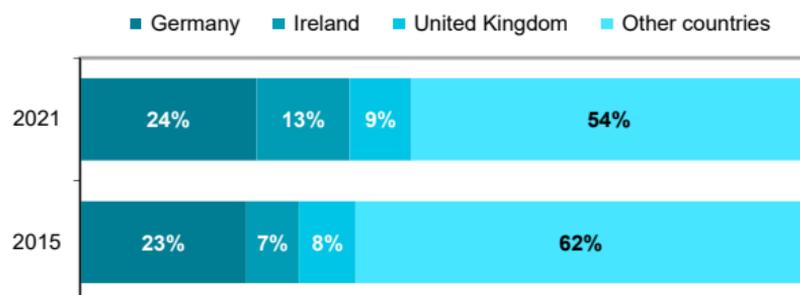


Figure F16 Computer services and software imports, by countries



Source: CZSO, Survey on exports and imports of services

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Figure F17 Computer services and software exports;
2020 (% of GDP)

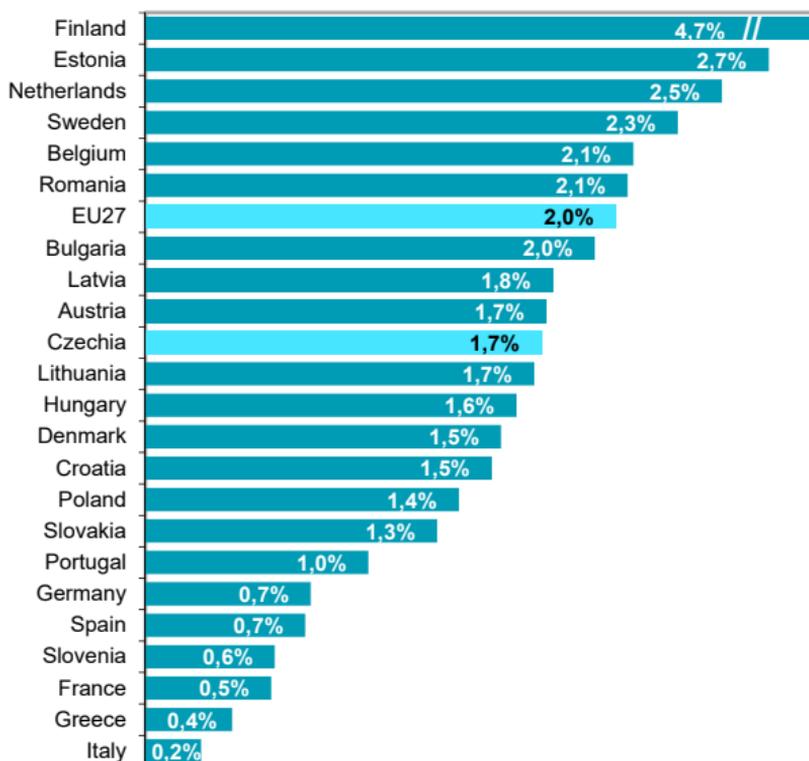
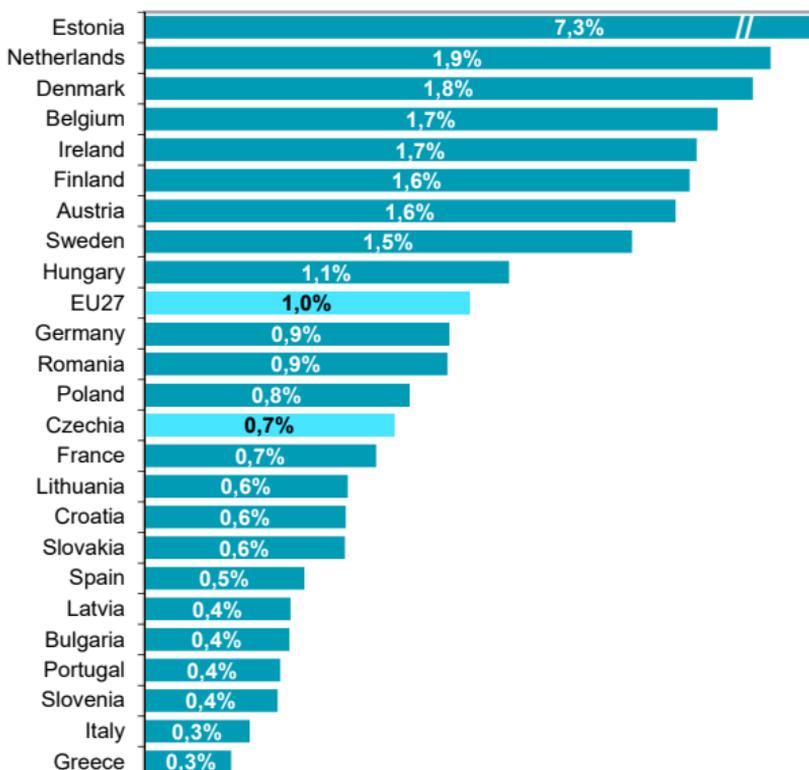


Figure F18 Computer services and software imports;
2020 (% of GDP)



Source: CZSO calculations based on Eurostat