

E International trade in ICT goods

Goods in the field of information and communication technologies (hereinafter referred to as ICT goods) are defined as goods whose main function is to carry out or enable communication or processing of information, including their recording, transmission and display by electronic means (OECD 2009).

Statistics on international trade in goods track actual trade in goods between Czech and foreign entities, i.e. trade where there is a change of ownership between residents and non-residents. Internationally comparable data for foreign trade with goods respecting change of ownership are currently only available for the total export/import of goods.

Statistics on Cross-border movements of goods tell exclusively about the physical movement of goods across the borders of the Czech Republic, regardless of whether there is trade between Czech and foreign entities. These data are available for international comparison and in a more detailed breakdown, however, they do not indicate the actual trade in these goods.

More detailed information on the issue of the dual concept of international trade can be found on the link: https://csu.gov.cz/2-vzonu_m.

The main link to CZSO International trade statistics is available here: <https://csu.gov.cz/international-trade-in-goods-change-of-ownership>.

The list of ICT goods was first defined in 2003 by the OECD according to the International Customs Nomenclature of the **Harmonized Commodity Description** and Coding System of the World Customs Organization of 2002. At present, the list of ICT goods from the HS is based on 2017.

The Czech Statistical Office has grouped individual items of ICT goods defined according to the HS 2017 nomenclature and the **Combined Nomenclature** (CN) of the European Union into the following five main categories:

- **Computer equipment and peripherals,**
- **Communication equipment,**
- **Consumer electronics,**
- **Electronic components,**
- **ICT parts n.e.s.**

Detailed information to Combined Nomenclature are here:

<https://ec.europa.eu/eurostat/web/international-trade-in-goods/methodology#Goods>.

Data for the Czech Republic comes from External Trade Statistics Database (https://apl.czso.cz/pll/stazo/STAZO_ZO.STAZO) and the Cross-border movements of goods database (<http://apl.czso.cz/pll/stazo/STAZO.STAZO>).

Data for **international comparisons** come from **Eurostat** data sources.

Data for international comparisons refer to the reported or nearest available year. More information at:

<https://ec.europa.eu/eurostat/web/international-trade-in-goods/overview>

For further information on ICT external trade see:

<https://csu.gov.cz/international-trade-in-ict-goods>

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Table E1 International trade in ICT goods in Czechia

CZK million

	2021	2022	2023
Export, total	339 541	333 182	277 097
Computers and peripheral equipment	157 467	147 037	110 971
Communication equipment	58 785	58 437	59 781
Consumer electronics	57 698	47 621	43 519
Electronic components	29 425	31 060	27 845
ICT parts n.e.s.	36 165	49 028	34 981
% of total goods exports from Czechia	8,7%	7,6%	6,2%
Import, total	395 524	403 689	368 375
Computers and peripheral equipment	114 513	124 702	103 653
Communication equipment	86 227	86 352	92 821
Consumer electronics	45 003	43 417	38 935
Electronic components	81 866	97 826	90 997
ICT parts n.e.s.	67 915	51 392	41 969
% of total goods imports to Czechia	10,2%	8,8%	8,5%

Figure E1 International trade in ICT goods in Czechia, by commodities, 2023

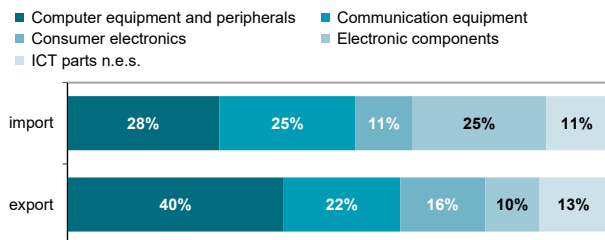


Figure E2 ICT goods exports from Czechia, by countries

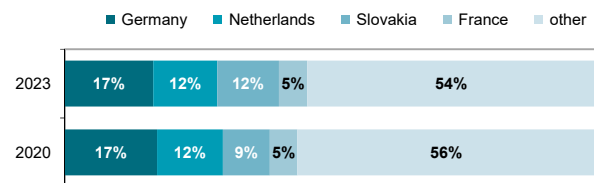
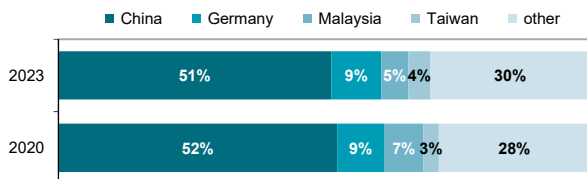


Figure E3 ICT goods imports to Czechia, by countries



Source: CZSO, External Trade Statistics Database

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Table E2 International trade in Computers and peripheral equipment in Czechia

CZK million

	2021	2022	2023
Export, total	157 467	147 037	110 971
Portable computers	13 935	10 764	11 993
Other computers	85 120	76 917	53 247
Computer peripherals, total	58 412	59 356	45 731
Storage units	36 280	32 461	12 826
Sound, video, network and similar cards	12 251	13 922	15 513
Monitors used with computers	2 528	3 983	4 489
Printers, copying or faxing machines	1 549	3 703	7 161
Other input or output peripherals*	5 805	5 286	5 743
% of total goods exports from Czechia	4,1%	3,3%	2,5%
Import, total	114 513	124 702	103 653
Portable computers	33 372	33 080	26 684
Other computers	17 874	32 780	24 344
Computer peripherals, total	63 268	58 841	52 624
Storage units	29 215	21 655	14 734
Sound, video, network and similar cards	16 154	18 301	15 472
Monitors used with computers	4 908	5 473	6 764
Printers, copying or faxing machines	3 651	5 754	7 357
Other input or output peripherals*	9 340	7 658	8 296
% of total goods imports to Czechia	2,9%	2,7%	2,4%

* Keyboards; joysticks, computer mice, scanners or optical readers

Figure E4 International trade in Computers and peripheral equipment in Czechia, by commodities, 2023

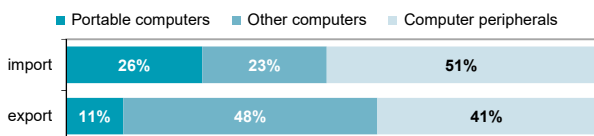


Figure E5 Computers and peripheral equipment exports from Czechia, by countries

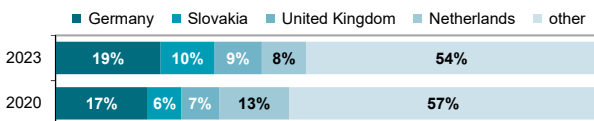
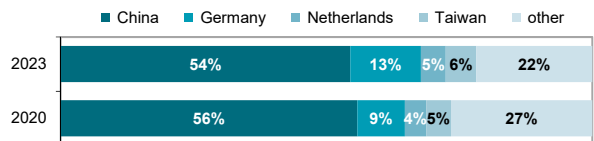


Figure E6 Computers and peripheral equipment imports to Czechia, by countries



Source: CZSO, External Trade Statistics Database

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Table E3 International trade in Communication equipment in Czechia

CZK million

	2021	2022	2023
Export, total	58 785	58 437	59 781
Mobile phones	28 544	24 568	28 695
Other communication equipment	30 241	33 869	31 086
% of total goods exports from Czechia	1,5%	1,3%	1,3%
Import, total	86 227	86 352	92 821
Mobile phones	47 611	48 942	51 204
Other communication equipment	38 616	37 410	41 617
% of total goods imports to Czechia	2,2%	1,9%	2,1%

Figure E7 International trade in Communication equipment in Czechia, by commodities, 2023

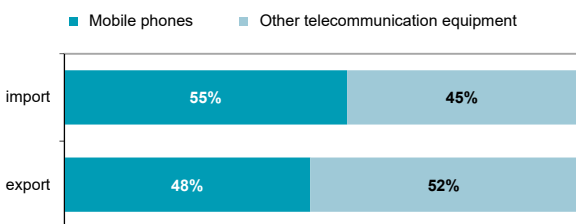


Figure E8 Communication equipment exports from Czechia, by countries

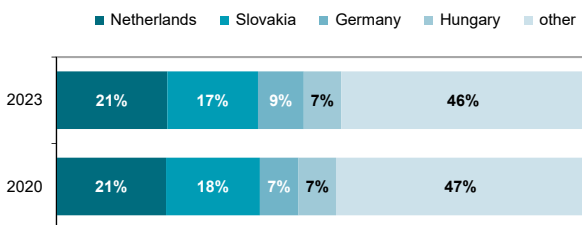
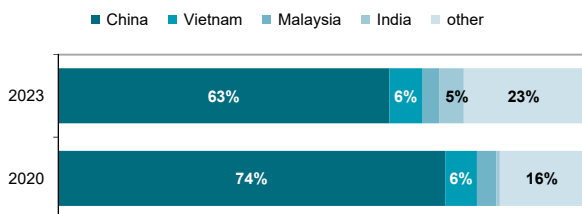


Figure E9 Communication equipment imports to Czechia, by countries



Source: CZSO, External Trade Statistics Database

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Table E4 International trade in Consumer electronics in Czechia

CZK million

	2021	2022	2023
Export, total	57 698	47 621	43 519
Radio and TV receivers	20 669	9 646	8 734
Sound and image recording and reproducing apparatuses	11 253	10 295	8 954
Consumer electronics accessories*	25 775	27 679	25 831
% of total goods exports from Czechia	1,5%	1,1%	1,0%
Import, total	45 003	43 417	38 935
Radio and TV receivers	14 882	11 073	8 489
Sound and image recording and reproducing apparatuses	15 699	16 111	15 184
Consumer electronics accessories*	14 422	16 234	15 262
% of total goods imports to Czechia	1,2%	0,9%	0,9%

* Monitors and projectors; Microphones and stands there for; Loudspeakers; Headphones, earphones and combined microphone/speaker sets; Audio-frequency electric amplifiers; Electric sound amplifier sets; Non-recorded media

Figure E10 International trade in Consumer electronics in Czechia, by commodities, 2023

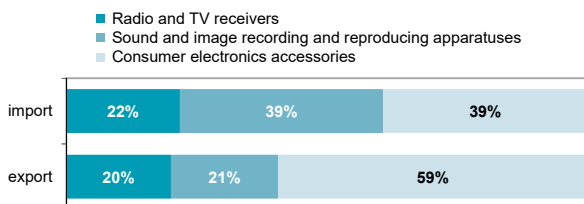


Figure E11 Consumer electronics exports from Czechia, by countries

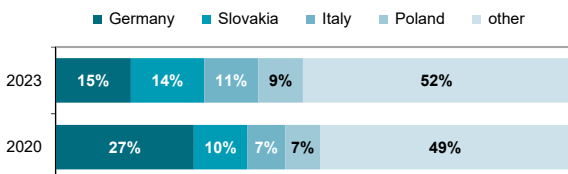
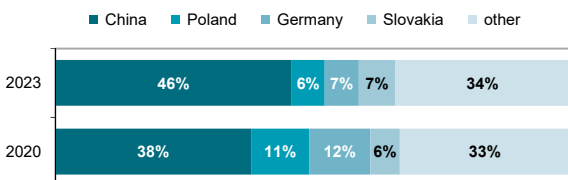


Figure E12 Consumer electronics imports to Czechia, by countries



Source: CZSO, External Trade Statistics Database

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Table E5 International trade in Electronic components in Czechia

CZK million

	2021	2022	2023
Export, total	29 425	31 060	27 845
Electronic integrated circuits	20 819	18 556	16 094
Printed circuits	4 219	4 042	4 525
Other electronic components	4 387	8 462	7 225
% of total goods exports from Czechia	0,8%	0,7%	0,6%
Import, total	81 866	97 826	90 997
Electronic integrated circuits	57 896	58 314	54 228
Printed circuits	11 584	13 307	11 922
Other electronic components	12 386	26 205	24 848
% of total goods imports to Czechia	2,1%	2,1%	2,1%

Figure E13 International trade in Electronic components in Czechia, by commodities, 2023

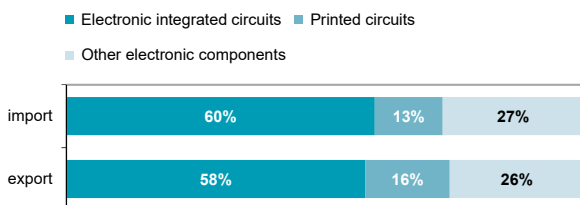


Figure E14 Electronic components exports from Czechia, by countries

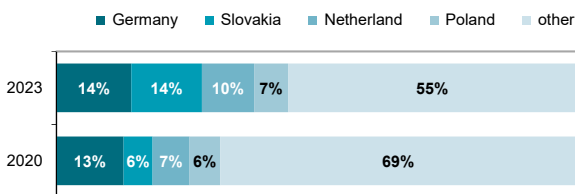
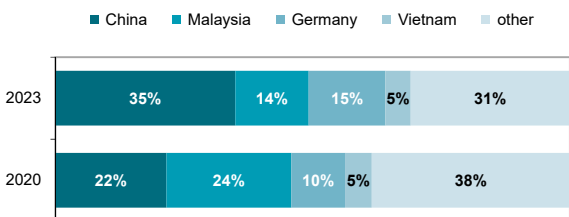


Figure E15 Electronic components imports to Czechia, by countries



Source: CZSO, External Trade Statistics Database

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Table E6 International trade in ICT parts n.e.s. in Czechia

CZK million

	2021	2022	2023
Export, total	36 165	49 028	34 981
Parts and accessories n.e.s. of:			
computer equipment	26 603	41 925	28 925
telecommunication equipment	1 701	1 611	1 818
consumer electronics	7 860	5 492	4 238
% of total goods exports from Czechia	0,9%	1,1%	0,8%
Import, total	67 915	51 392	41 969
Parts and accessories n.e.s. of:			
computer equipment	37 305	25 891	24 236
telecommunication equipment	8 321	8 541	8 296
consumer electronics	22 288	16 960	9 436
% of total goods imports to Czechia	1,7%	1,1%	1,0%

Figure E16 International trade in ICT parts n.e.s. in Czechia, by commodities, 2023

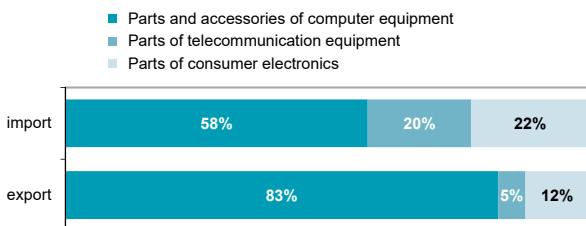


Figure E17 ICT parts n.e.s. exports from Czechia, by countries

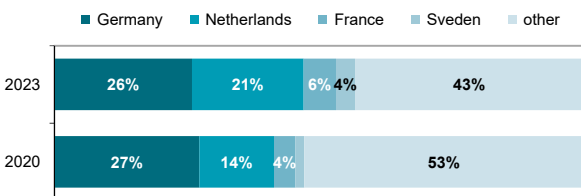
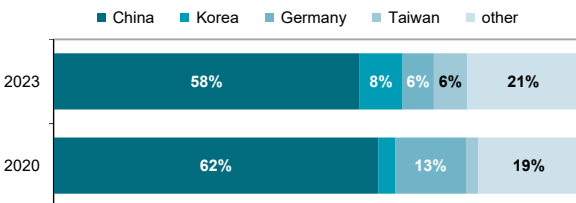


Figure E18 ICT parts n.e.s. imports to Czechia, by countries



Source: CZSO, External Trade Statistics Database

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Table E7 Cross-border movements of ICT goods from Czechia

CZK million

	2021	2022	2023
Total	766 230	918 558	827 185
Computers and peripheral equipment	356 328	370 289	299 083
Communication equipment	235 585	366 595	364 758
Consumer electronics	73 694	66 180	62 205
Electronic components	47 816	50 330	47 382
ICT parts n.e.s.	52 806	65 164	53 758

Figure E19 Cross-border movements of ICT goods from Czechia

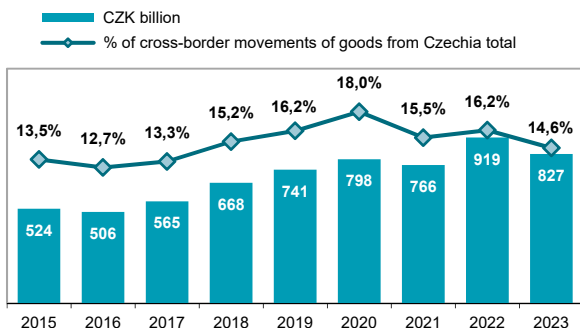


Figure E20 Cross-border movements of ICT goods from Czechia,

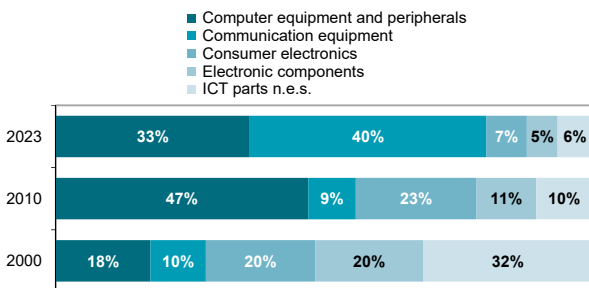
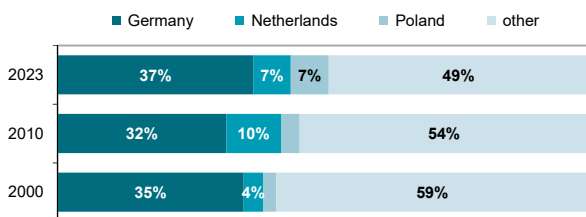


Figure E21 Cross-border movements of ICT goods from Czechia,



Source: CZSO, Cross-border movements of goods database

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Figure E22 Cross-border movements of ICT goods from countries; 2023
(% of total movements of goods from the given countries)

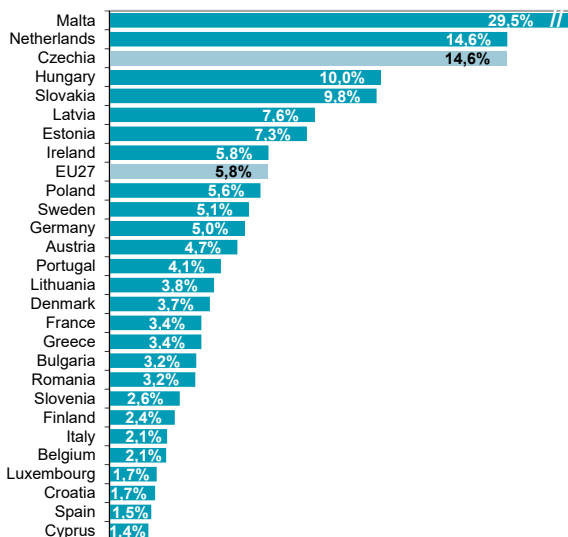
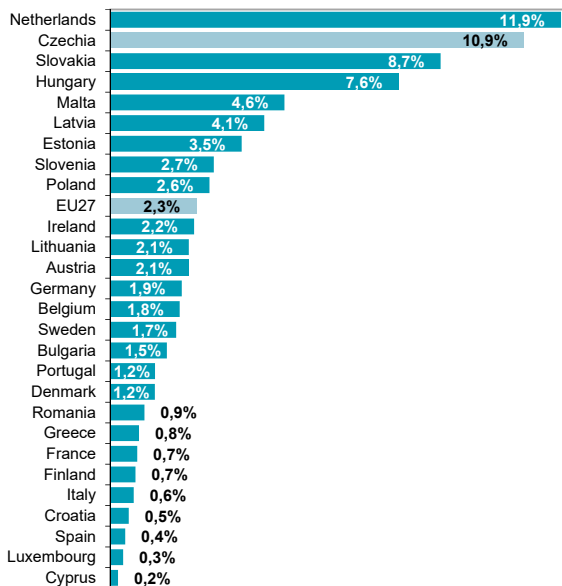


Figure E23 Cross-border movements of ICT goods from countries; 2023 (% GDP)



Source: CZSO calculations based on Eurostat

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Table E8 Cross-border movements of ICT goods to Czechia

CZK million

	2021	2022	2023
Total	780 412	934 907	776 788
Computers and peripheral equipment	275 788	288 174	219 117
Communication equipment	223 242	369 518	327 302
Consumer electronics	56 583	56 465	51 596
Electronic components	105 822	128 965	120 317
ICT parts n.e.s.	118 976	91 785	58 456

Figure E24 Cross-border movements of ICT goods to Czechia

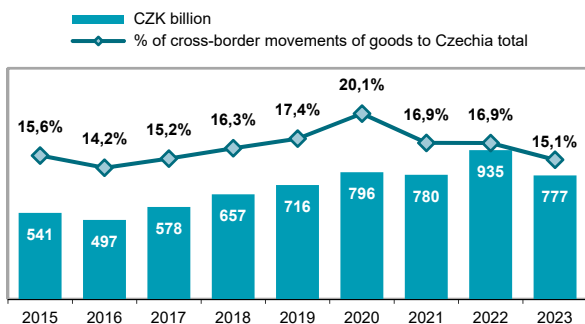


Figure E25 Cross-border movements of ICT goods to Czechia, by commodities

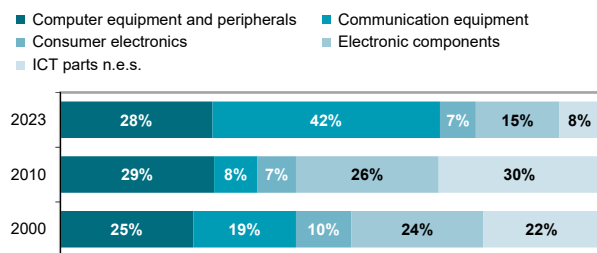
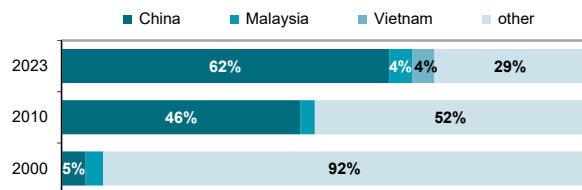


Figure E26 Cross-border movements of ICT goods to Czechia, by countries



Source: CZSO, Cross-border movements of goods database

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Figure E27 Cross-border movements of ICT goods to countries; 2023

(% of total movements of goods to the given countries)

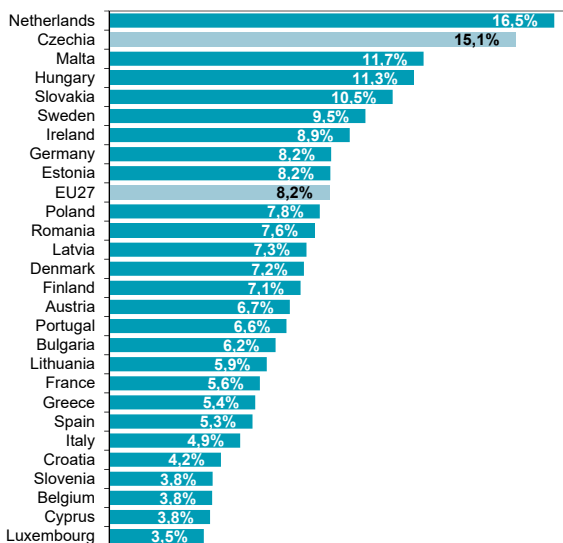
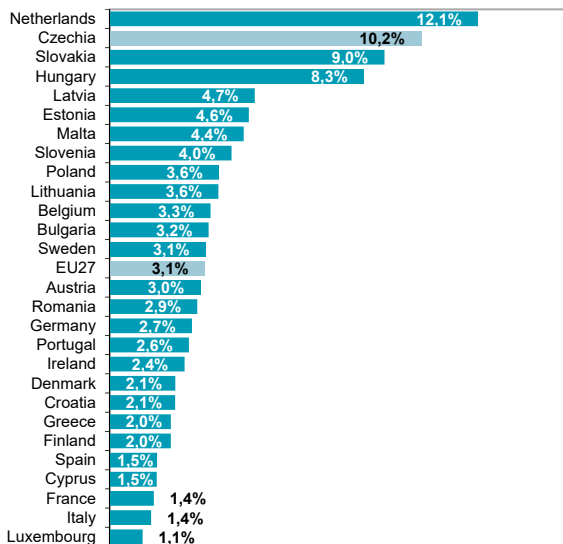


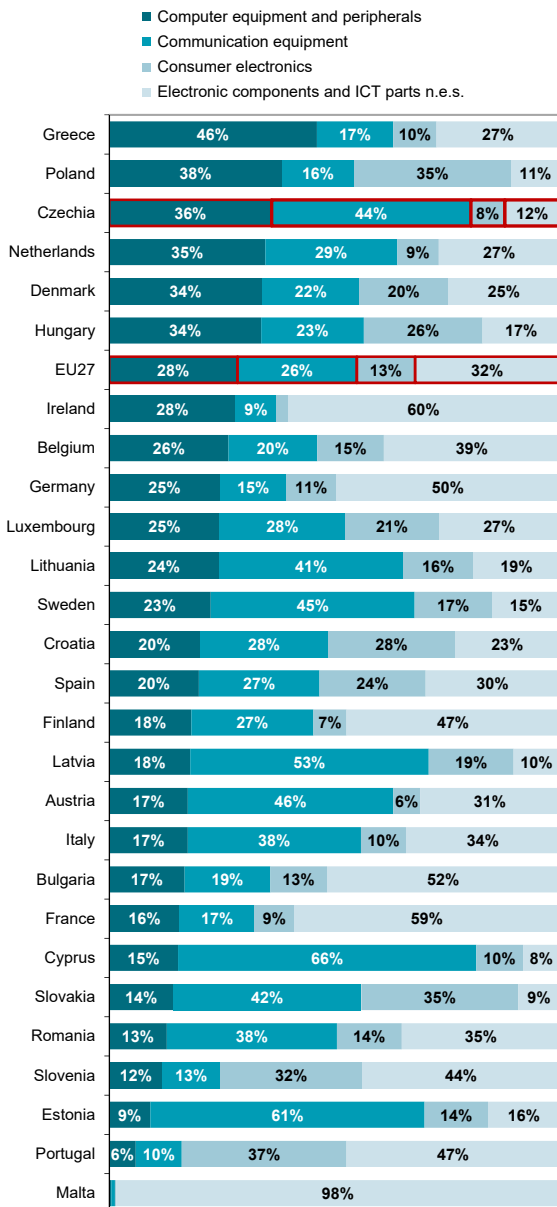
Figure E28 Cross-border movements of ICT goods to countries; 2023 (% GDP)



Source: CZSO calculations based on Eurostat

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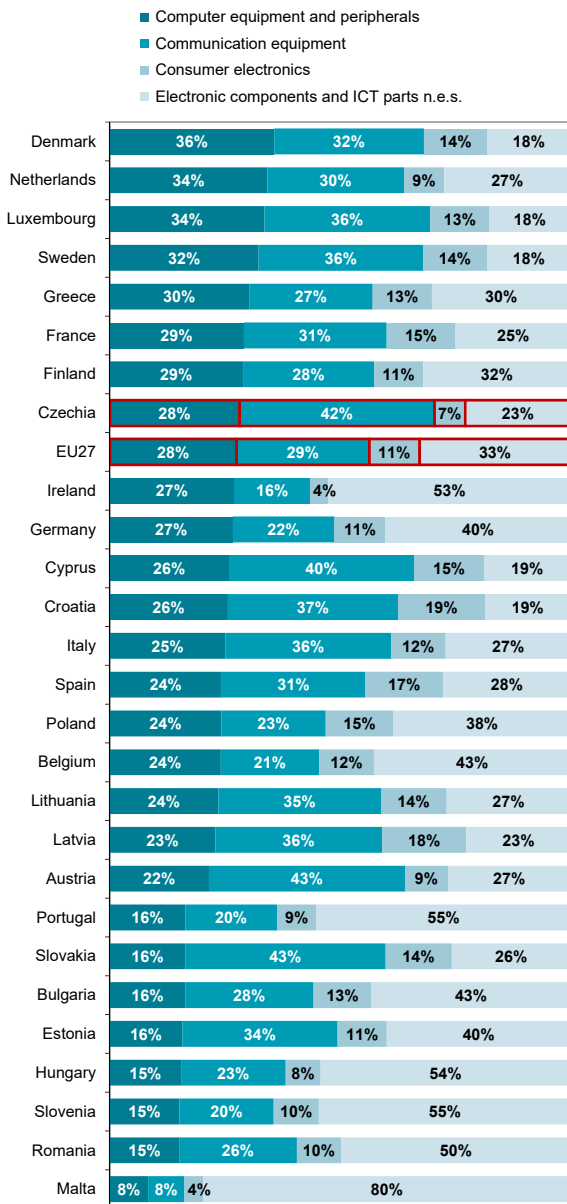
Figure E29 Cross-border movements of ICT goods from countries by commodities; 2023



Source: CZSO calculations based on Eurostat

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Figure E30 Cross-border movements of ICT goods to countries by commodities; 2023



Source: CZSO calculations based on Eurostat

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Figure E31 Balance of cross-border movement of Computer equipment and peripherals (CZK billion)

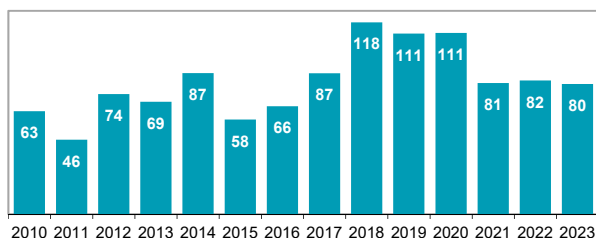


Figure E32 Balance of cross-border movement of Communication equipment (CZK billion)

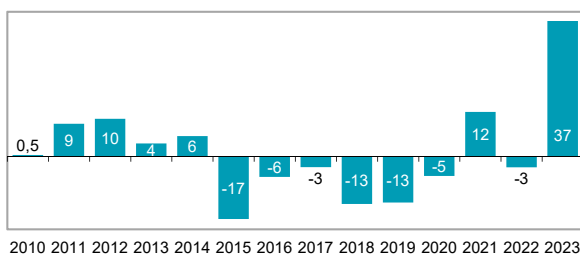


Figure E33 Balance of cross-border movement of Consumer electronics (CZK billion)

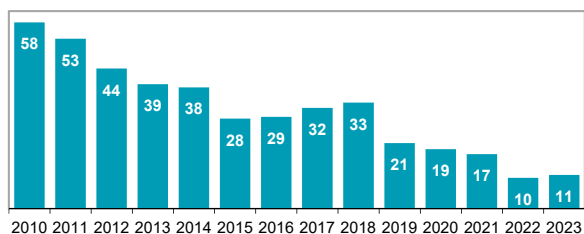
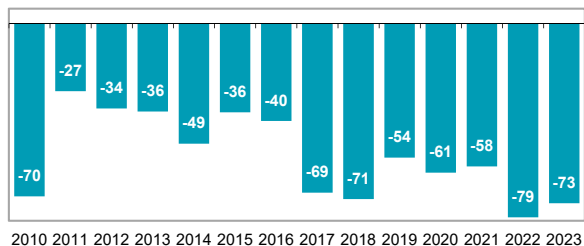


Figure E34 Balance of cross-border movement of Electronic components (CZK billion)



Source: CZSO, Cross-border movements of goods database