

IT Fitness Test 2022 V4



Digitálna
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National Partner of



Digital Skills &
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Visegrad Fund

IT Fitness Test

The IT Fitness Test is the largest and most complex method of reliably testing digital skills, proven over years of practice with over 400,000 respondents. This free, nationwide, online testing has been available in Slovakia since 2012, under the leadership of the Slovak National Coalition for Digital Skills and Jobs of the Slovak Republic (Digital Coalition) and the IT Association of Slovakia in cooperation with the Ministry of Investment and Regional Development of the Slovak Republic (MIRRI), as well as other key stakeholders in the field of ICT in Slovakia.

IT Fitness Test extends beyond the borders of Slovakia. In 2022, with the support of a strategic grant from the International Visegrad Fund, MIRRI, the Ministry of Education, Science, Research, and Sport of the Slovak Republic, as well as other Slovak and foreign partners, we expanded testing to the Visegrad Group countries, namely the Czech Republic, Poland, and Hungary, where we also made the testing available not only in English but also in national languages. The project's success is evidenced by the fact that in the Visegrad Four countries, up to 115,000 people filled out the test during the pilot year!

For whom is the test intended?

The project is mainly aimed at students and teachers of primary and secondary schools – they are our future. To be able to succeed in today's increasingly digital world, they must be able to navigate the abundance of available information and use digital tools to their advantage. IT Fitness Test aims to objectively test digital skills that are expected of them at the next level of study or in practice and to motivate them to actively deepen the practical skills they can use today and especially in the future. The IT Fitness Test does not copy curriculum and does not focus solely on theoretical knowledge but reflects explicitly the demands of the modern, constantly changing digital age. Our experts prepare hundreds of new questions and test tasks every year, which consider the current technological development of society and the current requirements for practical skills in the internet, digital technologies, and information processing.

The test tasks are divided into five categories:

- I. Internet
- II. Security and computer systems
- III. Complex tasks
- IV. Office tools
- V. Collaborative tools and social networks

Their teachers are crucial in adequately preparing the modern generation for the future. We are incredibly pleased that the IT Fitness Test brand has their support. The fact that it guarantees quality content is evidenced by the fact that coordinated testing in schools has already actively involved more than 10,000 teachers and digital school coordinators throughout Slovakia!

We're here to support those who are eager to grow

Today, society slowly realizes the importance and necessity of developing digital skills. There are no sectors that can avoid the development of digitalization and automation. That is why the IT Fitness Test is accessible to everyone as an online tool. Private organizations can even plan their testing and evaluate the results with their employees, for example, internally within the company.

How does it work?

- The test is intuitive and no training is required to start and complete it.
- The test for primary school students consists of twenty tasks and takes approximately three-quarters of an hour to complete.
- Students in higher grades, teachers, and adults take a test with twenty-five tasks, and the expected time required to complete it is an hour or more.
- There is no strict time limit for completing the test
 - the respondent has enough time to understand it properly, fill it out thoroughly, think, and learn.
- Using any available online resources and tools to complete the test is possible.
- Conversely, the possibility of cheating during testing is minimal, as there needs to be more than random typing of answers.

The assessment of the test is based on points from 0 % to 100 %

- | | |
|--------------|----------------------------------|
| 95 % – 100 % | Excellent level of skills |
| 81 % – 94 % | High level of basic skills |
| 51 % – 80 % | Average to above-average level |
| 21 % – 50 % | Lower to average level of skills |
| 0 % – 20 % | Low level of basic skills |



Testing usually starts in April and usually lasts until the end of July. Traditionally, it is supplemented by a motivational campaign for schools. Students and teachers can compete for one of the many valuable prizes.

After completing the test, each respondent will also receive an electronic certificate with an evaluation of their performance in individual categories and an overall score, which they can immediately print out. They can then use it as proof of their level of digital skills, for example, when transitioning to a higher level of education or when seeking employment. The test can be repeated at any time, with immediate access to the correct results for learning or correcting students' mistakes under the supervision of teachers.

Slovakia

Project implementer: Digital Coalition

The Digital Coalition – Slovak National Coalition for Digital Skills and Jobs of the Slovak Republic is a national initiative founded on the initiative of the European Commission as part of the Digital Skills and Jobs Coalition policy. Its mission is to improve digital skills in Slovakia. The organization was founded in 2017 at the initiative of the Office of the Deputy Prime Minister of the Slovak Republic for Investments and Informatization and the IT Association of Slovakia. The Digital Coalition currently brings together nearly one hundred members, who are critical stakeholders in the field of education and ICT in Slovakia. The IT Fitness Test was launched in Slovakia in 2012 in cooperation with the IT Association of Slovakia.



Mário Lelovský
/ chairman of the Digital Coalition

„I am pleased that the IT Fitness Test has become a regular part of Slovakia over the more than ten years of its existence. It is increasingly popular year after year, as evidenced by the growing number of completed tests. In 2022, we approached the threshold of 70,000 tests carried out in Slovakia, which is a great success that emphasizes that our society is truly becoming more aware of the necessity of improving our digital skills. While the modern world is full of endless opportunities and tools that can greatly simplify our lives, we also face a flood of (dis)information and hoaxes in which we simply must learn to navigate safely. This is where systematic development of our digital skills can help us significantly. I firmly believe that students, teachers, and others who have participated in the testing perceive it similarly.“



Andrej Bederka
/ project manager
and Country Manager for Slovakia

„I would like to take this opportunity to thank all the partners and guarantors of IT Fitness Test who are involved in its implementation and help to spread its message. Personally, I consider it a significant milestone that we were able to successfully expand the test to individual countries of the Visegrad Group last year. Poland, in particular, was a great success, where we received support from the Ministry of Education and saw tens of thousands of completed tests. I firmly believe that cooperation in the V4 countries will continue in the future – we are also working intensively on a Ukrainian version of the test aimed at children who had to flee with their families from war and start a new life in Slovakia, the Czech Republic, Hungary, and Poland.“

Website: <https://digitalnakoalicia.sk/>
More information about the Slovak IT Fitness Test: <https://itfitness.eu/sk/>
Contacts: slovakia@itfitness.eu | bederka@digitalnakoalicia.sk



Slovakia



National Partner: Ministry of Investments, Regional Development and Informatization of the Slovak Republic

The Ministry of Investments, Regional Development and Informatization of the Slovak Republic (MIRRI) is the central authority of state administration responsible for managing, coordinating, and supervising the use of financial resources from the funds of the European Union, as well as for the areas of society's informatization, investments, and regional development.

Veronika Remišová / Vice Prime Minister and Minister of Investments



“Developing the quality of human resources – especially in the field of the digital economy and information technology – is now more important than ever, given the ongoing war conflict in our neighboring country Ukraine, which has led to a sharp increase in prices for electricity, gas, and other commodities throughout Europe. At the same time, concerns are growing that the job market, which has been stable for a long time, may be losing job offers due to the pressure of the energy crisis and rising costs for employers and businesses. The IT sector plays a crucial role in the productivity and competitiveness of Slovak companies. I am pleased that with our support, the Digital Coalition is succeeding in raising awareness of the need to improve digital skills through the IT Fitness Test and directly improving them for those graduates who repeatedly participate in testing. Thanks also to the teachers and schools that use the testing opportunity. Thanks to this project, they can evaluate which areas need more attention. At the same time, the IT Fitness Test motivates them to seek new methods and tools to bring selected IT topics closer to their students. We are pleased that with over 10 years of systematic testing of digital skills in Slovakia, we can contribute to improving digital skills in our neighboring countries and other EU countries.”



Website: <https://www.mirri.gov.sk/>



Poland

National partner:
**Związek Importerów i Producentów Sprzętu
Elektrycznego i Elektronicznego**

ZIPSEE Cyfrowa Polska is an organization that brings together Poland's consumer electronics and IT industry. It actively promotes the digital transformation of society, businesses, and public administration by supporting innovative companies and digital projects in areas such as digital competence. Digital Poland also promotes international cooperation in digitization in the V4 and 3SI countries.

Michał Kanownik / president



„We are glad the IT Fitness Test has finally come to Poland this year. While we are well aware that the level of digital competence of the youth in our country might require some work, we have been looking for reliable tools allowing us to take a closer look at the issue. The pilot edition of IT Fitness Test has given us exactly what we needed – a chance to research the level of digital skills in a detailed, large-scale manner. The results of the very first IT Fitness Test are priceless and we are happy to see that the first attempt to test students in the country was met with such enthusiasm. These findings will be the driver of public discussion on the way we teach skills of the future in our schools as well as a starting point of a repeatable, yearly research on this vital issue.

Experiences of the pilot IT Fitness Test will allow us to improve the upcoming editions. We've learned a lot about what schools and teachers expect of us and what they are looking for in such tools. We're hoping for the IT Fitness Test to become a well-recognised, staple yearly activity in all Polish schools. We are seeing a growing interest and engagement in assessing student's digital competence in primary and secondary schools across the country.“



Website: <https://cyfrowapolska.org/>
More information about the Polish IT Fitness Test: <https://itfitness.eu/pl/>
Contacts: poland@itfitness.eu | biuro@zipsee.pl



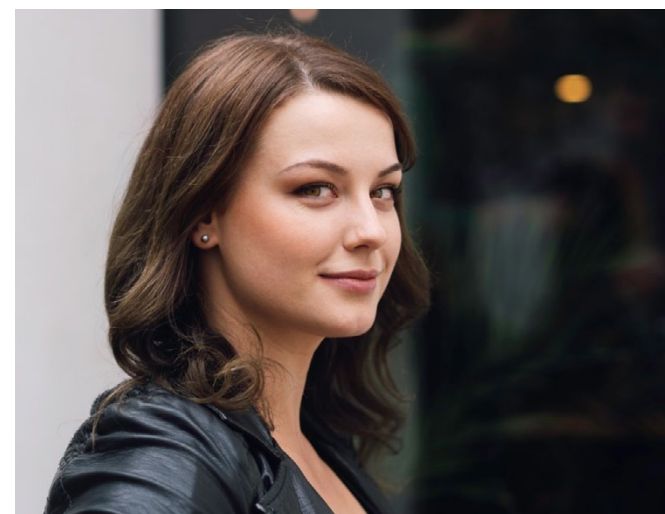
Czech Republic

National partner:
Internetový institut

The Internet Institute focuses on expertise and public education in areas where our lives intersect with the internet and technology. It connects theoretical contexts and experts for sharing mutual experiences.

Tereza Bartoníčková
/ president

“The IT Fitness Test makes perfect sense because it tests the theoretical knowledge of students and teachers and their practical skills. We can track their progress in real-time with the IT Fitness Test over the coming years. Furthermore, this is an international collaboration, which means we can compare the abilities and skills of students and teachers across all Visegrad countries. I would also like to thank our colleagues from neighboring countries for their effective cooperation!”



Josef Dašek
/ Country Manager
for the Czech Republic

“Considering the societal changes that come with digitalization, it is more important than ever to strengthen the skills of our students and teachers in this area. With IT Fitness Test, students and teachers can identify their strengths and weaknesses. As an internet institute, we want to use the data obtained to focus our attention on the areas of education where digitalization is most needed. I firmly believe in continuing this project and repeated testing in the coming years so that we can monitor the development of digital skills over time.”



Website: <https://www.internetovynstitut.cz/>
More information about the Czech IT Fitness Test: <https://itfitness.eu/cz/>
Contacts: czechia@itfitness.eu | cesky@internetovynstitut.cz



Hungary



National partner:

Informatikai, Távközlési és Elektronikai Vállalkozások Szövetsége (IVSZ)

The IVSZ (Association of IT Companies in Hungary) is a common platform for Hungary's IT, telecommunications, and electronics sectors, representing industry and societal interests beyond direct business interests. It serves as a compass, knowledge base, and communication organization to support businesses and decision-makers in improving the position of the ICT sector.



Krisztina Bodáné Tajthy
/ secretary general

"IVSZ deals with a wide spectrum of the digital economy aspects in Hungary. In our view, one of the key factors is the existence of a suitable level of digital competencies (both for young people as well as for the workforce), without which the widespread social utilization of any modern technology or digital solution cannot be effective enough. One of proposals for the development of the digital society includes, for example, the application of minimal digital competence levels as mandatory element in every level of public education. This has not been implemented yet, but we considered the IT Fitness Test, a regular and practical competence measurement launched in Slovakia several years ago, as a good example to follow. Participation in the V4 extension of the measurement was not a question for IVSZ, and we will utilize the results of the project both when we are analysing the actual digital skills situation in Hungary and develop relevant program proposals. We are confident that the measurement will be repeated in Hungary with increasing participation and government support every year, as the IT Fitness Test will give us an idea not only of our international situation, but also of our own personal continuous digital skills development."



Klara Süveges-Heilingbrunner
/ Country Manager for Hungary

"It was an honour for me to manage the digital skills assessment of the Hungarian primary and secondary school children in Hungary using the IT Fitness Test 2022 V4 methodology. The concept of the testing and the background that the Slovak Coalition provided significantly facilitated our work in Hungary. We could learn more about practices on how to reach and motivate respondents, which ways do work to reach the target groups and which don't at all. We are proud to have a solid experience base for future testing as well as results that can be used in the future for comparison purposes. We are happy that we could provide a tool for the target groups to get an insight into the digital skills actual status and the development needs at individual, class, school and national levels. In the next campaign our intention is to make even bigger noise, reach more schools and teachers and involve more pupils in the digital skills testing with the support of more public sector organizations."

Website: <https://ivsz.hu/>

More information about the Hungarian IT Fitness Test: <https://itfitness.eu/hu/>

Contacts: hungary@itfitness.eu | iroda@ivsz.hu



ivsz SZÖVETSÉG A
DIGITÁLIS GAZDASÁGÉRT



The overall results for the Visegrad Group countries

Overall results for the entire free testing period until December 18, 2022		Elementary School Testing		High School and University Testing		TOTAL
Country		Number of Tests	Test Results (%)	Number of Tests	Test Results (%)	Number of Tests
V4 together		46 574		68 829		115 403
Slovakia		24 647	54 %	45 043	50 %	69 690
Poland		15 547	44 %	16 782	40 %	32 329
Czechia		4 829	52 %	3 675	50 %	8 504
Hungary		1 551	43 %	3 329	37 %	4 880



Slovakia



Overview of IT Fitness Tests conducted in the Slovakia in 2022

Number of tests – Testing started on April 26, 2022

PHASES	
Certified testing period until July 31	51 561
Certified testing period until October 31	68 549
Overall results for the entire free testing period up to December 18, 2022	69 690

Overall results for the entire free testing period up to December 18, 2022		Elementary School Testing		High School and University Testing	
		Number of Tests	Test Results (%)	Number of Tests	Test Results (%)
Total		24 647	54 %	45 043	50 %
Group	Students	22 552	53 %	39 082	49 %
	Teachers	1 257	62 %	3 745	57 %
	Others	738	59 %	1 959	57 %
	Other & Employees	100		257	
Gender	Men	12 199	52 %	23 180	51 %
	Women	12 372	55 %	21 685	50 %
	Not specified	76		205	
Category	I. Internet		61 %		64 %
	II. Security and computer systems		64 %		60 %
	III. Solving complex tasks		50 %		44 %
	IV. Office tools		44 %		33 %
	V. Collaboration tools and social networks		51 %		51 %
Leaders	Number of respondents with 100 % result	269	100 %	163	100 %

Complete final report of IT Fitness Test 2022 V4 from testing in Slovakia with detailed analysis in Slovak language:
<https://itfitness.eu/sk/stranky/zaverecna-sprava-it-fitness-test-2022/>

Main partner and patronage in Slovakia



Supporting organizations and media partners



Poland



Overview of IT Fitness Tests conducted in Poland in 2022

Number of tests – Testing started on April 5, 2022

PHASES	
Certified testing period until October 31	30 909
Summary results for the entire free testing period up to December 18, 2022	32 329

Overall results for the entire free testing period up to December 18, 2022		Elementary School Testing		High School and University Testing	
		Number of Tests	Test Results (%)	Number of Tests	Test Results (%)
Total		15 547	44 %	16 782	40 %
Group	Students	14 480	45 %	15 307	40 %
	Teachers	694	52 %	958	52 %
	Others	289	47 %	424	51 %
	Other & Employees	84		93	
Gender	Men	7 700	44 %	8 807	41 %
	Women	7 726	46 %	7 824	40 %
	Not specified	121		151	
Category	I. Internet		46 %		52 %
	II. Security and computer systems		57 %		53 %
	III. Solving complex tasks		45 %		34 %
	IV. Office tools		38 %		26 %
	V. Collaboration tools and social networks		39 %		36 %
Leaders	Number of respondents with 100 % result	44	100 %	5	100 %

Partners in Poland



Minister
Edukacji i Nauki

Sekretarz Stanu w KPRM ds. Cyfryzacji
Janusz Cieszyński

Czech Republic



Overview of IT Fitness Tests conducted in the Czech Republic in 2022

Number of tests – Testing started on April 28, 2022

PHASES	
Certified testing period until October 31	8 312
Summary results for the entire free testing period up to December 18, 2022	8 504

Overall results for the entire free testing period up to December 18, 2022		Elementary School Testing		High School and University Testing	
		Number of Tests	Test Results (%)	Number of Tests	Test Results (%)
Total		4 829	52 %	3 675	50 %
Group	Students	4 190	51 %	3 006	49 %
	Teachers	113	61 %	167	65 %
	Others	477	55 %	427	56 %
	Other & Employees	49		75	
Gender	Men	2 805	52 %	2 238	50 %
	Women	2 006	52 %	1 414	49 %
	Not specified	18			
Category	I. Internet		59 %		63 %
	II. Security and computer systems		63 %		65 %
	III. Solving complex tasks		48 %		42 %
	IV. Office tools		42 %		36 %
	V. Collaboration tools and social networks		48 %		42 %
Leaders	Number of respondents with 100 % result	30	100 %	17	100 %

Main partner and patronage in the Czech Republic



Microsoft



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY

Hungary



Overview of IT Fitness Tests conducted in the Hungary in 2022

Number of tests – Testing started on April 6, 2022

PHASES	
Certified testing period until October 31	4 818
Summary results for the entire free testing period up to December 18, 2022	4 880

Overall results for the entire free testing period up to December 18, 2022		Elementary School Testing		High School and University Testing	
		Number of Tests	Test Results (%)	Number of Tests	Test Results (%)
Total		1 551	43%	3 329	37%
Group	Students	1 379	42%	3 028	36%
	Teachers	107	57%	178	56%
	Others	48	51%	85	48%
	Other & Employees	17		38	
Gender	Men	819	41%	1 946	38%
	Women	724	45%	1 355	37%
	Not specified	8		28	
Category	I. Internet		43%		50%
	II. Security and computer systems		55%		46%
	III. Solving complex tasks		43%		31%
	IV. Office tools		33%		25%
	V. Collaboration tools and social networks		39%		34%
Leaders	Number of respondents with 100 % result	8	100%	0	100%

Main partners in Hungary



Maker's Red Box



Digital Security
Progress. Protected.



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Complete final report of **IT Fitness Test 2022 V4** – testing in Slovakia with a detailed analysis in Slovak language available for download:



bit.ly/ITfitnessTest22SK



Digitálna
koalícia



CYFROWA
POLSKA



internetový
inštitút

ivsZ

SZÖVETSEG A
DIGITÁLIS GAZDASÁGÉRT