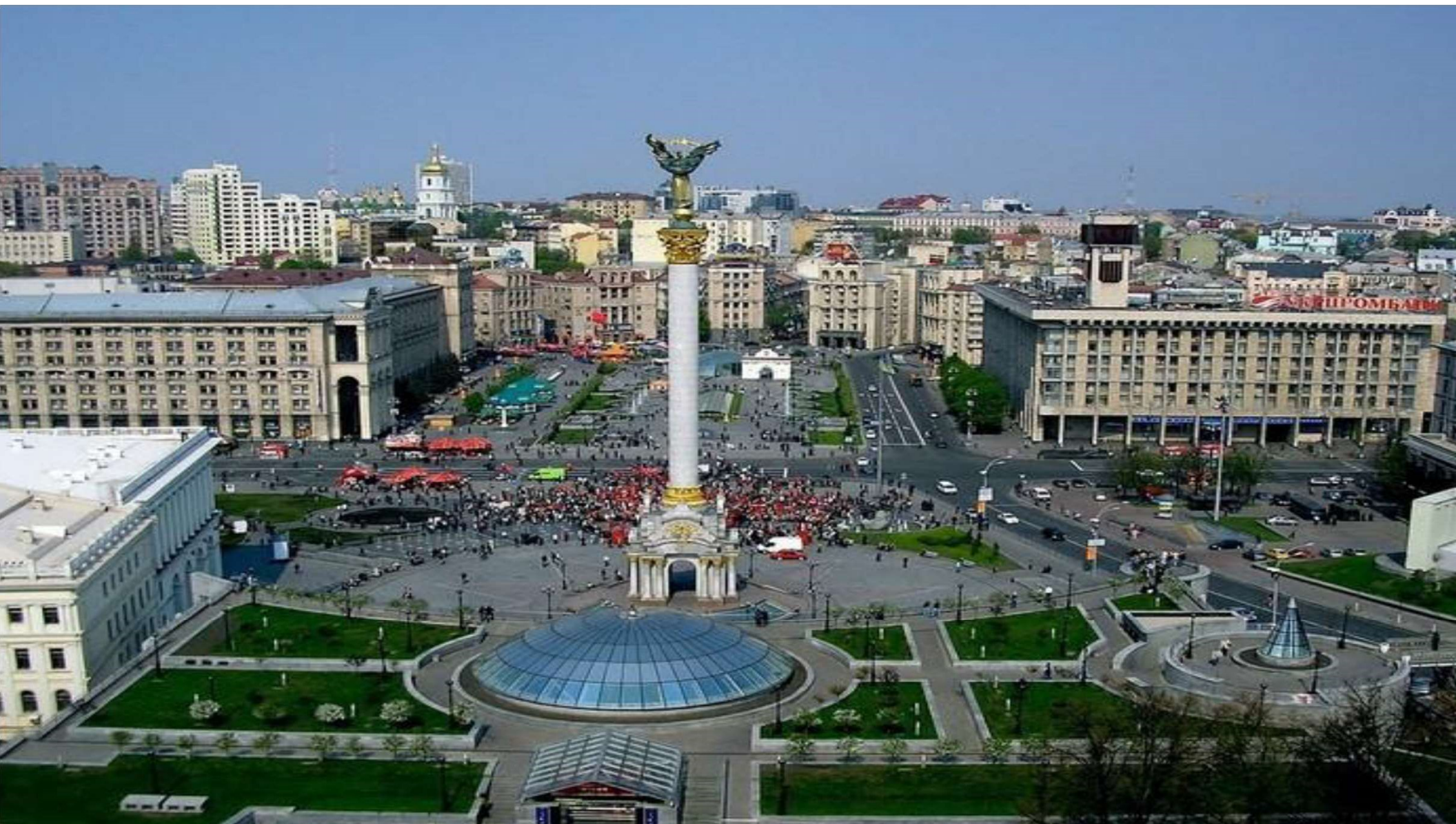




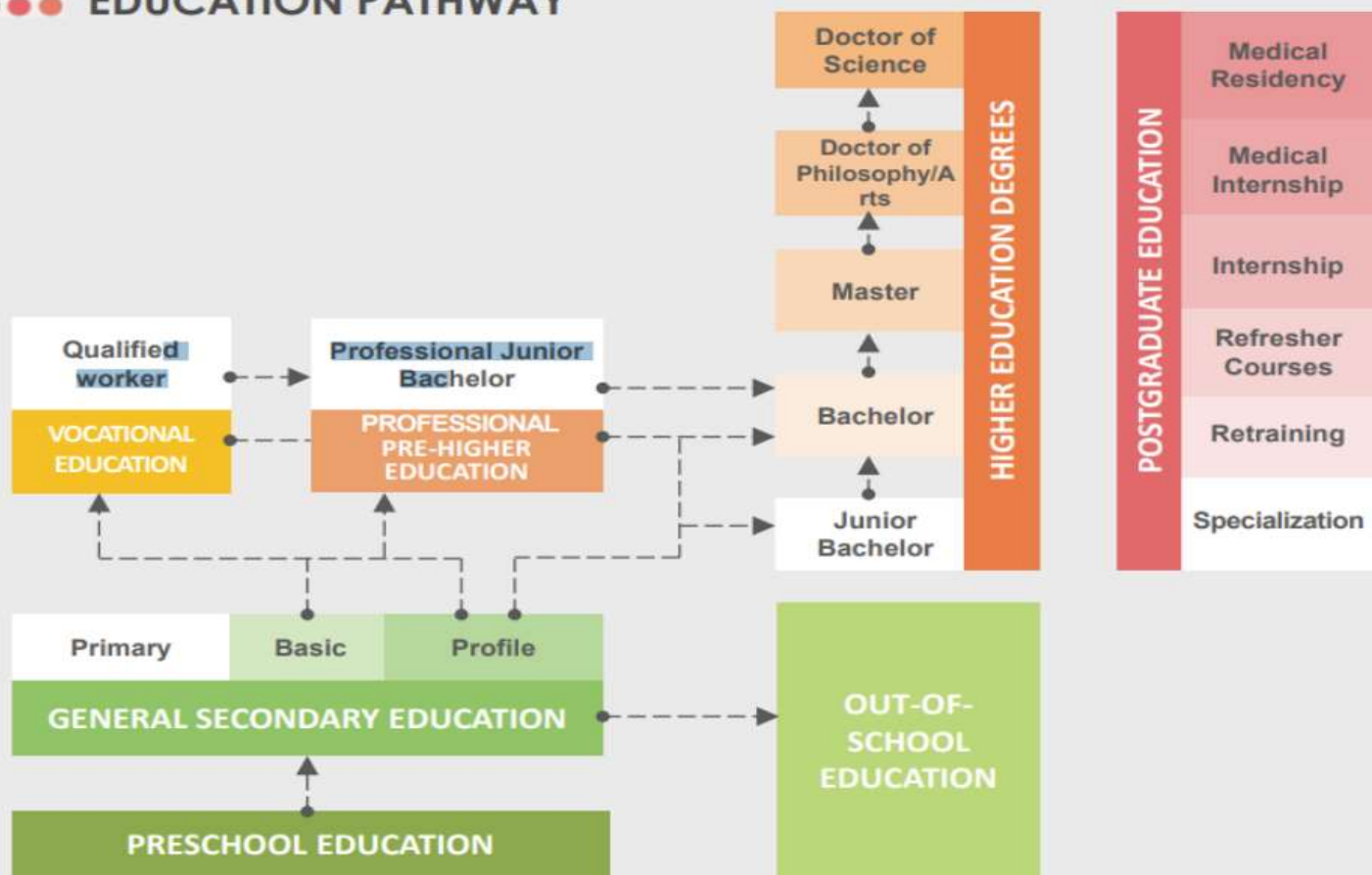
Ukraine: An Overview of the Country's Education System

How Do the Ukrainian Skills and Education Systems Compare?

Rumyana Krasteva-Turkel and Beka Tavartkiladze



NEW PROFILE OF UKRAINIAN EDUCATION
EDUCATION PATHWAY



WES Guidelines for Evaluating Secondary and Post-Secondary Credentials

Name of Degree	Admission Requirement and Program Length	Access to Further Education/Labor Market	U.S. Equivalent	Canada Equivalent
Certificate of General Secondary Education or Certificate of Completed General Secondary Education since 2019	Basic secondary education (9 years) +2 years	Access to Bachelor degree programs	High school diploma	Secondary school diploma
Dyplom kwalifikovanogo robitnyka (Diploma of Qualified Worker)	3-4 years after basic secondary education or 1.5 years after complete secondary education	Labor market/access to post-secondary degree programs	High school diploma/completion of a vocational training program	Secondary school diploma/completion of a vocational training program
Dyplom molodshoho spetsialista (Diploma of Junior Specialist) Last admission to the program in 2016.	Basic secondary education (9 years) +3-4 years	Access to Bachelor degree programs	High school diploma and associate degree	Secondary school diploma and diploma at post-secondary/community college level
Dyplom molodshoho spetsialista (Diploma of Junior Specialist) Replaced by Junior Bachelor	Complete secondary education (11 years) +2-3 years	Labor market/access to Bachelor degree programs	Associate degree	Diploma at post-secondary level/community college level

WES Guidelines for Evaluating Higher Education Credentials

Name of Degree	Admission Requirement and Program Length	Access to Further Education	U.S. Equivalent	Canada Equivalent
Bachelor (Bakalavr)	Complete secondary education + 4 years	Access to master's degree programs	Bachelor's degree	Bachelor's degree (four years)
Specialist Diploma (Dyplom Spetsialista) The programs are 5-6 years for professional qualifications (medicine, veterinary medicine, dentistry) Last admission to the program in 2019.	5 years after complete secondary education or 1-1.5 years after Bakalavr (Bachelor)	Access to Doctor of Philosophy/Arts programs	Bachelor's and master's degree/Master's degree	Bachelor's and master's degree/Master's degree
Master (Magistr)	Bakalavr (Bachelor)	Access to Doctor of Philosophy/Arts programs	Master's degree	Master's degree
Kandidat Nauk (Candidate of Science) until 2014. Doctor of Philosophy (Доктор філософії)/ Doctor of Art (Доктор мистецтва)	3-4 years (minimum)	Access to Doctor of Science programs	Earned doctorate	Earned doctorate
Doctor of Sciences (Doktor Nauk)	Not fixed		Completion of post-doctoral scholarly research	Completion of post-doctoral scholarly research

Comparing Ukrainian Qualifications

EQF Level (Approx.)	Ukrainian Qualification			
	Academic		Vocational	
8	Kandidat nauk (Candidate of Science) 3 years			
7	Dyplom magistra (Master's degree) 1-2 years	Dyplom spetsialista (Specialist diploma) 5-6 years		
6	Dyplom bakalavra (Bachelor's degree) 3-4 years			
5				
4			Dyplom kvalifikovanogo robitnyka (Diploma of Qualified Worker) 1-4 years*	Dyplom molodshoho spetsialista (Diploma of Junior Specialist) 2-4 years*

*Depending on previous education and point of entry

Challenges – Education Sector

- Academic corruption
 - Soviet and post Soviet legacy
- Changing education
 - Standards/perceptions
- Impact of the war
 - 2014 onwards...

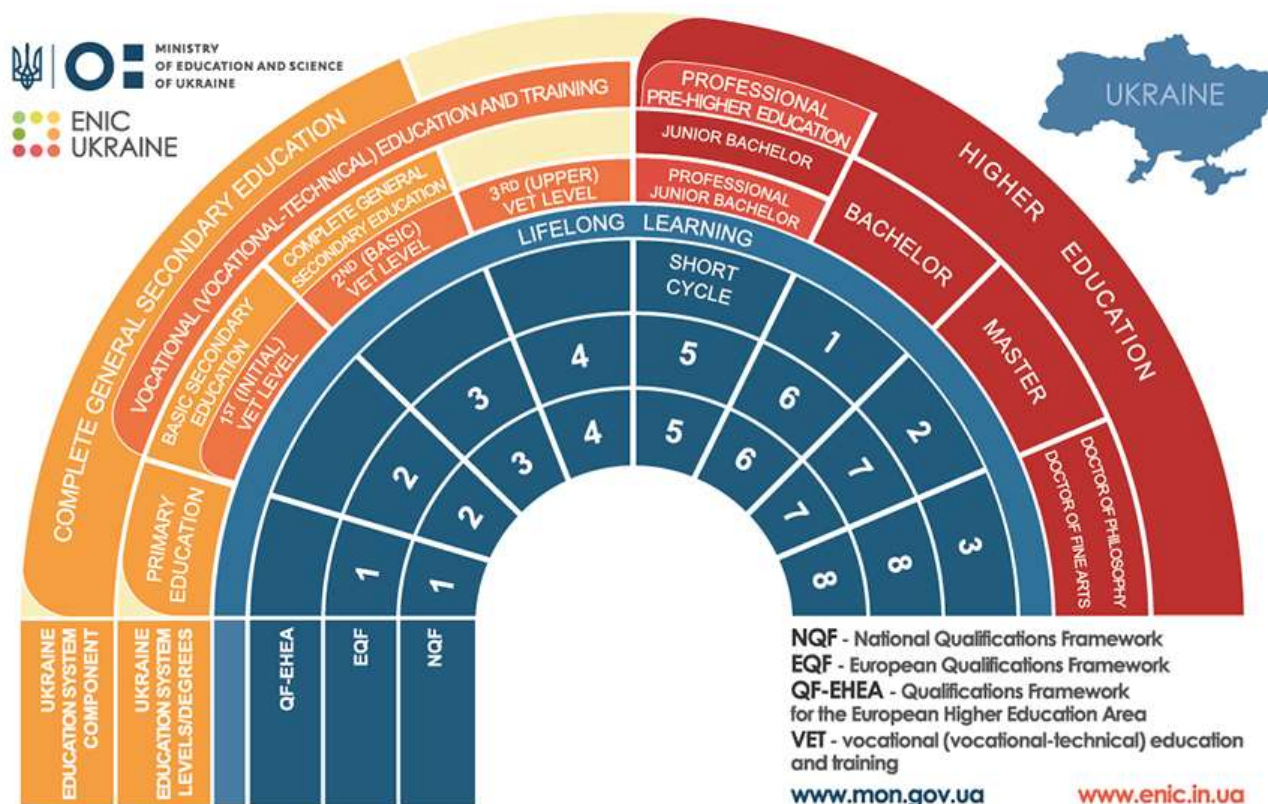
Standardization and Harmonization: European Higher Education Area (EHEA)

- National Qualifications Framework certified according to the criteria of the EHEA Qualifications Framework
- Compliance of the National Qualifications Framework of Ukraine with the criteria and procedures of the Qualifications Framework of the European Higher Education Area



NATIONAL QUALIFICATIONS FRAMEWORK OF UKRAINE

Approved by the Resolution of the Cabinet of Ministers of Ukraine № 1341, dated November 23, 2011,
as amended by the Resolution of the Cabinet of Ministers of Ukraine № 519, dated June 25, 2020



Vocational Education: Skills and Responsibility

Skilled Worker Diploma (NQF levels 2, 3, and 4)

Level 2

Skills: use of relevant information to perform simple tasks and solve everyday problems in typical situations with the use of simple rules, instructions, and tools for evaluating the results of their own activities in accordance with established criteria; the use of reasoning to substantiate their own opinions and conclusions

Responsibility: work and/or training under the guidance or supervision with a certain independence; individual responsibility for the results of tasks during training and/or work

Level 3

Skills: performing typical tasks and solving problems by selecting and applying basic methods, tools, materials, and information for evaluating the results of tasks in accordance with pre-known criteria

Responsibility: responsible for performing tasks while working or studying; adapting their behaviour to external circumstances while performing tasks or solving problems

Level 4

Skills: performing complex specialized tasks, finding or making decisions on specific problems in the field of professional activity, or learning to plan their own work in a limited context; organization, control, evaluation, and adjustment of the work of others

Responsibility: self-organization according to rules that exist in work or study contexts and are usually predictable, but may be subject to changes in the supervision of the day-to-day work of others; limited responsibility for evaluating and improving the performance of their work or study

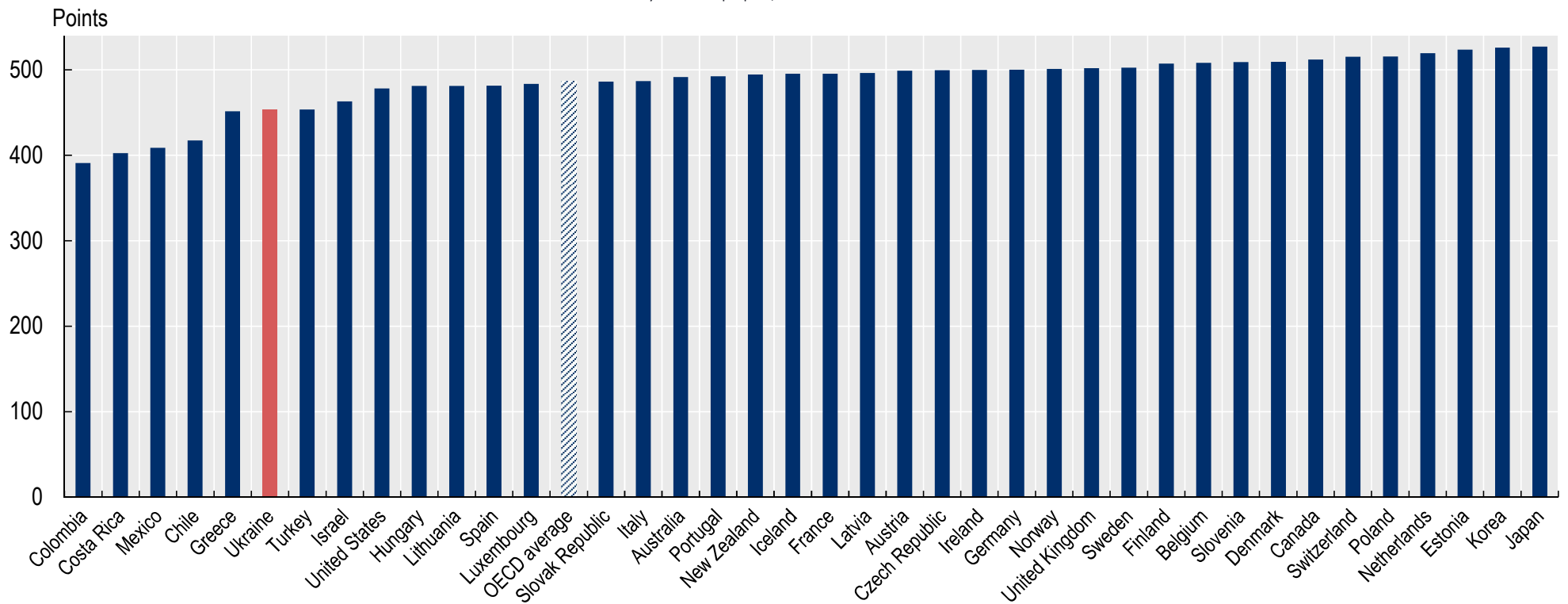
Tertiary Education: Skills, Learning Outcomes, and Qualifications

Level 5 Junior Bachelor's Degree	A wide range of cognitive and practical skills needed to solve complex problems in specialized areas of professional activity and/or learn to find creative solutions or answers to clearly identified specific and abstract problems based on the identification and application of data planning, analysis, and monitoring and evaluation of own work and the work of others in a specialized context
Level 6 Bachelor's Degree	In-depth cognitive and practical skills, mastery, and innovation at the level required to solve complex specialized tasks and practical problems in the field of professional activity or training
Level 7 Master's Degree	Specialized problem-solving skills required for research and/or innovation to develop new knowledge and procedures; ability to integrate knowledge and solve complex problems in broad or multidisciplinary contexts; ability to solve problems in new or unfamiliar environments in the presence of incomplete or limited information, taking into account aspects of social and ethical responsibility
Level 8 Doctor of Philosophy, Arts, or Science	Specialized skills and techniques needed to solve significant problems in the field of professional activity, science, and/or innovation; expansion and reassessment of existing knowledge and professional practice of initiating, planning, implementing, and adjusting a consistent process of thorough research with due academic integrity, critical analysis, and evaluation and synthesis of new and complex ideas

Skills Comparison

Mean PISA math scores

15-year-old pupils, 2018



Source: PISA, 2018,
calculations by the OECD secretariat

Thank you!

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