

Review of the national legislation and education policy in the context of the EHEA documents and Bologna principles

SUMMARY

SOURCES: State Statistics Service of Ukraine, SSSU (<https://www.ukrstat.gov.ua/>)
Ministry of Finance of Ukraine (<https://index.minfin.com.ua/ua/finance/budget/cons/expense/> ;
<https://mof.gov.ua/uk/current-year-budget-information>; https://data.gov.ua/dataset/zvit_kazna;
<https://mof.gov.ua/uk/statistichnij-zbirnik>)
The Unified State Electronic Database on Education (<https://info.edbo.gov.ua/>)

The Annual Review presents glance on the national policy and legislation as well as statistical and other data as of 2023 on indicators of educational policy in Ukraine in the context of policies of the European Higher Education Area.

Despite the martial law, the work on the European integration of higher education of Ukraine continues - relevant regulatory and legal documents, which contribute to the higher education quality assurance and the qualifications recognition, are being developed and modernized. The National Qualifications Agency has started activities related to the international recognition of NQF and the development of the national qualifications system, including its alignment with the European Classification of Skills, Competences, Qualifications and Occupations (ESCO). The purpose of such activities of the NQA is to prepare Ukraine as a future member of the EU for further integration into the European labor market through labor mobility and qualifications recognition.

The national system of external and internal quality assurance of higher education provides for two independent dimensions of the development of this process: the development of higher education standards under the coordination of the Ministry of Education and Science of Ukraine and the accreditation of study programmes taking into account these standards under the coordination of the National Agency for Higher Education Quality Assurance (NAQA). In 2016, the Ministry of Education and Science of Ukraine approved Guidelines for the higher education standards development (updated in 2020) taking into account the EHEA and ESG approaches. As of 2023, 266 higher education standards (about 74 %) have been implemented at the Bachelor's, Master's, and PhD levels, built on the basis of a competency-based approach, learning outcomes, and NQF.

In 2023, the NAQA prepared and published for public discussion the drafts of some documents, namely: Regulations on the Appeals Chamber of the NAQA and Regulations on the study programmes accreditation. The Regulations on the study programmes accreditation includes, in particular, the following novelties: post-accreditation monitoring and specifics of accreditation of (joint) study programmes. At the same time, the changes to this Regulation do not include the peculiarities of accreditation of study programmes in more than one specialty/subject area/profession (Article 25 of the Law of Ukraine "On Higher Education"), which is especially relevant for the training of teachers for whom the possibility of mastering study programmes in two specialties is provided in different fields of education, as well as in different subject specialties (order of the Ministry of Education and Culture of Ukraine dated November 11, 2022 No. 1006). Also, taking into account the widespread introduction of study programmes in the hybrid or distance mode of higher education (digital study programmes) due to the security situation during the war and pandemic, it is necessary to provide for the specifics of the accreditation of such study programmes. Moreover, since digitalization is a priority area of development of higher education in the EHEA, there are a number of relevant strategic documents and recommendations regarding the quality of such programmes. Provisions on accreditation of independent institutions for higher education quality assessment and assurance and provisions on institutional accreditation of higher education institutions are in the process of being developed.

The implementation of the provisions of the Law of Ukraine "On Higher Education" (Article 18) regarding the development of criteria for assessing the quality of educational activities of higher education institutions, which can be used to determine national university ranking, remains ignored. The development of such criteria by the NAQA is important in the future to be used for institutional accreditation in order to improve higher education quality. Institutional assessment for such accreditation covers the entire activity of the higher education institution and concerns the processes of strategic management, decision-making, organization and quality assurance, as well as resources and results, which are compared to certain minimum requirements or standards that higher education institutions must meet. Assessment conclusions should be based not only on the subjective judgments of experts, but first of all, on objective criteria and compliance of the real state with the institutional mission and objectives.

The analysis of the open official statistics revealed that there are no or incomplete data on various indicators for all levels of education in Ukraine, in particular on inclusive groups of students, drop-outs rates, etc.

- Sex-disaggregate data on numbers of pupils/students enrolled at each level, as well as drop-outs rates and teachers/trainers at the different levels and sectors of the educational system including:

2020-2021

Early Childhood Education and Care

Numbers of pupils enrolled at the level: 1 111 358 pupils, incl. 533 457 females and 577 901 males.

Indices of gender parity (the ratio of the number of females to the number of males) 0,926

Numbers of teachers: 138 772, incl. 136 951 females and 1 821 males.

Drop-outs rates N/A

Primary Education and Lower and Upper Secondary Education

Numbers of pupils enrolled at the level: 4 188 403 pupils, incl. 2 059 044 females and 2 129 359 males (without special institutions).

Secondary Education Indices of gender parity (the ratio of the number of females to the number of males) 0,926

Primary Education Indices of gender parity (the ratio of the number of females to the number of males) 0,949

Lower Secondary Education Indices of gender parity (the ratio of the number of females to the number of males) 0,960

Upper Secondary Education Indices of gender parity (the ratio of the number of females to the number of males) 1,014

Numbers of teachers: 434 755, sex-disaggregate data N/A.

Drop-outs rates N/A

Vocational Education and Training

Vocational education

Numbers of students enrolled at the level: 250 336 students, incl. 95 673 females and 154 663 males.

Numbers of teachers: 31 324, incl. 18 677 females and 12 647 males.

Drop-outs rates N/A

Vocational pre-tertiary education/ professional pre-higher education (**some institutions offer Bachelor degree programmes*)

Numbers of students enrolled at the level: 282 319 students, incl. 133 983 females and 148 336 males.

Numbers of teachers: 38 974, incl. 24 535 females and 14 439 males.

Drop-outs rates N/A

Higher Education

Numbers of students enrolled at the level: 1 046 669 students, incl. 562 998 females and 483 671 males.

Numbers of teachers: 125 360, incl. 75 148 females and 50 212 males.

Drop-outs rates N/A

Short cycle (Junior Bachelor)

Numbers of students enrolled at the level: 3 171 students (sex-disaggregate data N/A).

Indices of gender parity (the ratio of the number of females to the number of males) 0,883

Bachelor

Numbers of students enrolled at the level: 686 508 students (sex-disaggregate data N/A).

Indices of gender parity (the ratio of the number of females to the number of males) 1,146

Master

Numbers of students enrolled at the level: 265 115 students (sex-disaggregate data N/A).

Indices of gender parity (the ratio of the number of females to the number of males) 1,431

PhD

Numbers of students enrolled at the level: 26 389 students, incl. 12 306 females and 14 083 males.

Indices of gender parity (the ratio of the number of females to the number of males) 0,881

Indicators	Early Childhood Education and Care, pupils	Primary Education, pupils	Lower Secondary Education, pupils	Upper Secondary Education, pupils	Primary Education and Lower Secondary Education, pupils	Vocational Education and Training, students		Higher Education, students					
						Vocational education	Vocational pre-tertiary education / professional pre-higher education	Short cycle	Ba	Ma	PhD		
2021													
Numbers of pupils/ students enrolled at the level, incl.	1 111 358	N/A	N/A	N/A	4188403	250336	282319	1 046 669					
females	533 457	N/A	N/A	N/A	2 059 044	95 673	133 983						
males	577 901*	N/A	N/A	N/A	2129359*	154663*	148336*						
Indices of gender parity (the ratio of the number of females to the number of males)	0,926	0,949	0,960	1,014	0,926								
Drop-outs rates	N/A	N/A	N/A	N/A	N/A	N/A		N/A					

Numbers of teachers, <i>incl.</i>	138 772	N/A	N/A	N/A	434 755	31 324	38 974	125 360
females	136 951	N/A	N/A	N/A	N/A	18 677	24 535	75 148
males	1 821*	N/A	N/A	N/A	N/A	12 647*	14 439*	50 212*

Notes: *Data is calculated based on public statistics (Source: State Statistics Service of Ukraine, SSSU (<https://www.ukrstat.gov.ua/>))

** Some Vocational pre-tertiary education / professional pre-higher education institutions offer Bachelor degree programmes

Statistics on *public and private resources* allocated to education at national level (in % of GDP and national budget).

Calculations were made on the basis of available statistical data of the Ministry of Finance of Ukraine (<https://index.minfin.com.ua/ua/finance/budget/cons/expense/> ; <https://mof.gov.ua/uk/current-year-budget-information>; https://data.gov.ua/dataset/zvit_kazna; <https://mof.gov.ua/uk/statistichnij-zbirnik>)

Expenditures allocated to Education in % of GDP / consolidated **national budget** of Ukraine:

PLAN 2022

5,9% of **GDP**

9,55% of the consolidated **national budget**

Public resources 69,74%

Private resources 30,26%

of the **Expenditures** allocated to education of the consolidated **national budget**

2021

5,7% of **GDP**

16,97% of the consolidated **national budget**

Public resources 86,61%

Private resources 13,39%

of the **Expenditures** allocated to education of the consolidated **national budget**

2020

6,2% of **GDP**

15,81% of the consolidated **national budget**

Public resources 86,61%

Private resources 13,39%

of the **Expenditures** allocated to education of the consolidated **national budget**

2019

6,1% of **GDP**

17,43% of the consolidated **national budget**

Public resources 84,25%

Private resources 15,75%

of the **Expenditures** allocated to education of the consolidated **national budget**

2018

6,0% of **GDP**

16,8% of the consolidated **national budget**

Public resources 84,02%

Private resources 15,98%
of the **Expenditures** allocated to education of the consolidated **national budget**

2017
6,0% of **GDP**
16,82% of the consolidated **national budget**
Public resources 83%
Private resources 17%
of the **Expenditures** allocated to education of the consolidated **national budget**

Information for each level of the education system.

Early Childhood Education and Care

2021
0,89% of **GDP**
2,64% of the consolidated **national budget**
Public resources 92,22%
Private resources 7,77%
of the **Expenditures** allocated to Preschool Education of the consolidated **national budget**

2020
0,90% of **GDP**
2,35% of the consolidated **national budget**
Public resources 91,62%
Private resources 8,38%
of the **Expenditures** allocated to Preschool Education of the consolidated **national budget**

2019
0,91% of **GDP**
2,63% of the consolidated **national budget**
Public resources 89,02%
Private resources 10,98%
of the **Expenditures** allocated to Preschool Education of the consolidated **national budget**

2018
0,89% of **GDP**
2,54% of the consolidated **national budget**
Public resources 87,59%
Private resources 12,41%
of the **Expenditures** allocated to Preschool Education of the consolidated **national budget**

2017
0,95% of **GDP**
2,67% of the consolidated **national budget**
Public resources 85,84%
Private resources 14,16%
of the **Expenditures** allocated to Preschool Education of the consolidated **national budget**

Primary Education and Lower and Upper Secondary Education (Integrated data)

2021
2,75% of **GDP**
8,13% of the consolidated **national budget**
Public resources 94,62%

Private resources 5,38%
of the **Expenditures** allocated to Primary and Secondary Education of the consolidated **national budget**

2020

2,92% of **GDP**

7,67% of the consolidated **national budget**

Public resources 93,67%

Private resources 6,33%

of the **Expenditures** allocated to Primary and Secondary Education of the consolidated **national budget**

2019

2,9% of **GDP**

8,4% of the consolidated **national budget**

Public resources 90,66%

Private resources 9,34%

of the **Expenditures** allocated to Primary and Secondary Education of the consolidated **national budget**

2018

2,86% of **GDP**

8,13% of the consolidated **national budget**

Public resources 90,65%

Private resources 9,35%

of the **Expenditures** allocated to Primary and Secondary Education of the consolidated **national budget**

2017

2,83% of **GDP**

7,98% of the consolidated **national budget**

Public resources 89,02%

Private resources 10,98%

of the **Expenditures** allocated to Primary and Secondary Education of the consolidated **national budget**

Vocational Education and Training

2021

0,54% of **GDP**

1,59% of the consolidated **national budget**

Public resources 88,72%

Private resources 11,28%

of the **Expenditures** allocated to VET of the consolidated **national budget**

includes together:

Vocational pre-tertiary education/ professional pre-higher education

0,28% of **GDP**

0,82% of the consolidated **national budget**

Public resources 87,35%

Private resources 12,65%

of the **Expenditures** allocated to Vocational pre-tertiary education/ professional pre-higher education of the consolidated **national budget**

Vocational education

0,26% of **GDP**

0,77% of the consolidated **national budget**

Public resources 90,17%

Private resources 9,83%

of the **Expenditures** allocated to Vocational education of the consolidated **national budget**

2020

0,56% of **GDP**1,48% of the consolidated **national budget****Public** resources 88,80%**Private** resources 11,20%of the **Expenditures** allocated to VET of the consolidated **national budget**

includes together:

Vocational pre-tertiary education/ professional pre-higher education

0,29% of **GDP**0,76% of the consolidated **national budget****Public** resources 86,36%**Private** resources 12,64%of the **Expenditures** allocated to Vocational pre-tertiary education/ professional pre-higher education of the consolidated **national budget**

Vocational education

0,27% of **GDP**0,72% of the consolidated **national budget****Public** resources 90,31%**Private** resources 9,69%of the **Expenditures** allocated to Vocational education of the consolidated **national budget**

2019

0,27% of **GDP**0,79% of the consolidated **national budget****Public** resources 88,87%**Private** resources 11,13%of the **Expenditures** allocated to Vocational education of the consolidated **national budget**

2018

0,28% of **GDP**0,80% of the consolidated **national budget****Public** resources 88,76%**Private** resources 11,24%of the **Expenditures** allocated to Vocational education of the consolidated **national budget**

2017

0,28% of **GDP**0,78% of the consolidated **national budget****Public** resources 91,05%**Private** resources 8,95%of the **Expenditures** allocated to Vocational education of the consolidated **national budget****Higher Education**

2021

0,91% of **GDP**2,70% of the consolidated **national budget****Public** resources 59,77%**Private** resources 40,23%of the **Expenditures** allocated to Higher education of the consolidated **national budget**

2020

1,27% of **GDP**

- 2,59% of the consolidated **national budget**
Public resources 61,16%
Private resources 38,84%
of the **Expenditures** allocated to Higher Education of the consolidated **national budget**
- 2019
1,29% of **GDP**
3,74% of the consolidated **national budget**
Public resources 64,94%
Private resources 35,06%
of the **Expenditures** allocated to Higher education of the consolidated **national budget**
- 2018
1,24% of **GDP**
3,54% of the consolidated **national budget**
Public resources 64,70%
Private resources 35,30%
of the **Expenditures** allocated to Higher education of the consolidated **national budget**
- 2017
1,30% of **GDP**
3,67% of the consolidated **national budget**
Public resources 64,21%
Private resources 35,79%
of the **Expenditures** allocated to Higher education of the consolidated **national budget**

The cost of education per student

The cost of education per student/pupil, **UAH** (it is calculated: the Expenditures allocated to the education level of the consolidated national budget / number of pupils/students enrolled at this level):

Early Childhood Education and Care

- 2021 43730 per pupil
2020 32645 per pupil
2019 29295 per pupil
2018 24867 per pupil
2017 21637 per pupil

Primary Education and *Lower and Upper Secondary Education* (Integrated data)

- 2021 35456 per pupil
2020 29212 per pupil
2019 28009 per pupil
2018 25318 per pupil
2017 20809 per pupil

Vocational Education and Training

- 2021 56645 per student, Vocational education
53362 per student, Vocational pre-tertiary education/ professional pre-higher education

2020 46650 per student, Vocational education

73135 per student, Vocational pre-tertiary education/ professional pre-higher education

2019 44006 per student

2018 39233 per student

2017 30735 per student

Higher Education

2021 47559 per student

2020 46768 per student

2019 35673 per student

2018 29065 per student

2017 25243 per student

Statistics on the ET 2030 indicators and other relevant information in lower and higher education

1. Low achieving 15-year-olds in basic skills: The share of low-achieving 15-year-olds in reading, mathematics and science should be less than 15%, by 2030.

No open statistics available

2. Low achieving eight-graders in digital skills: The share of low-achieving eight-graders in computer and information literacy should be less than 15%, by 2030.

No open statistics available

3. Participation in early childhood education and care: At least 96% of children between 3 years old and the starting age for compulsory primary education should participate in early childhood education and care, by 2030.

2021

58,7% of children between 3 and 6 years old (6 years old – starting age for compulsory primary education in Ukraine)

43,4% of children between 0 and 6 years old

2020

61,4% of children between 3 and 6 years old (6 years old – starting age for compulsory primary education in Ukraine)

45% of children between 0 and 6 years old

2019

60,5% of children between 3 and 6 years old (6 years old – starting age for compulsory primary education in Ukraine)

44,9% of children between 0 and 6 years old

2018

57,7% of children between 3 and 6 years old (6 years old – starting age for compulsory primary education in Ukraine)

40,4% of children between 0 and 6 years old

4. Early leavers from education and training: The share of early leavers from education and training should be less than 9%, by 2030.

No open statistics available

5. Tertiary level attainment: The share of 25-34 year-olds with tertiary educational attainment should be at least 45%, by 2030.

No open statistics available

6. Exposure of VET graduates to work based learning: The share of recent graduates from VET benefiting from exposure to work-based learning during their vocational education and training should be at least 60%, by 2025.

No open statistics available

7. Participation of adults in learning: At least 47% of adults aged 25-64 should have participated in learning during the last 12 months, by 2025.”

No open statistics available

- [The pupil-teacher ratio at the different levels and sectors of the education system in the public and private systems per region/ city](#)

The pupil-teacher ratio at the different levels is calculated: number of pupils/students enrolled at the level / number of teachers:

Early Childhood Education and Care

2021 In **general** pupil-teacher ratio **8/1** (1111358 / 138772)

in the **public** system pupil-teacher ratio **8/1** (1087910 / 134922)

in the **private** system pupil-teacher ratio **6/1** (23448 / 3850)

per **city** area pupil-teacher ratio **8/1** (846617 / 103329)

per **region** area pupil-teacher ratio **7/1** (264741 / 35443)

2020 In **general** pupil-teacher ratio **8/1** (1150545 / 141563)

in the **public** system pupil-teacher ratio **8/1** (1128929 / 137838)

in the **private** system pupil-teacher ratio **6/1** (21616 / 3725)

per **city** area pupil-teacher ratio **8/1** (884740 / 105339)

per **region** area pupil-teacher ratio **7/1** (265805 / 36224)

2019 In **general** pupil-teacher ratio **8/1** (1230398 / 146915)

in the **public** system pupil-teacher ratio **9/1** (1220806 / 135702)

in the **private** system pupil-teacher ratio **6/1** (9592 / 1748)

per **city** area pupil-teacher ratio **9/1** (936095 / 110336)

per **region** area pupil-teacher ratio **8/1** (294303 / 36579)

2018 In **general** pupil-teacher ratio **9/1** (1278237 / 137688)

in the **public** system pupil-teacher ratio **9/1** (1268143 / 135813)

in the **private** system pupil-teacher ratio **5/1** (10094 / 1875)

per **city** area pupil-teacher ratio **10/1** (969551 / 101777)

per **region** area pupil-teacher ratio **9/1** (308686 / 35911)

Primary Education and **Lower and Upper Secondary Education**

2021 In **general** student-teacher ratio **10/1** (4230358 / 434755)

in the **public** system pupil-teacher ratio **10/1** (4164307 / 426301)

in the **private** system pupil-teacher ratio **8/1** (66051 / 8454)

per **city** area pupil-teacher ratio **12/1** (3034679 / 254814)

per **region** area pupil-teacher ratio **7/1** (1195679 / 179941)

2020 In **general** student-teacher ratio **10/1** (4211509 / 439613)

in the **public** system pupil-teacher ratio **10/1** (4162476 / 432545)

in the **private** system pupil-teacher ratio **7/1** (49033 / 7068)

per **city** area pupil-teacher ratio **12/1** (2946694 / 250192) (day institutions)

per **region** area pupil-teacher ratio **6/1** (1202539 / 187789) (day institutions)

2019 In **general** student-teacher ratio **9/1** (4138466 / 439921)

in the **public** system pupil-teacher ratio **9/1** (4098031 / 433939)

in the **private** system pupil-teacher ratio **7/1** (40435 / 5982)

per **city** area pupil-teacher ratio **12/1** (2915414 / 246419) (day institutions)

per **region** area pupil-teacher ratio **6/1** (1200377 / 191542) (day institutions)

2018 In **general** student-teacher ratio **9/1** (4041652 / 441394)

in the **public** system pupil-teacher ratio **9/1** (4008820 / 436352)

in the **private** system pupil-teacher ratio **7/1** (32832 / 5042)

per **city** area pupil-teacher ratio **12/1** (2825135 / 244105) (day institutions)

per **region** area pupil-teacher ratio **6/1** (1191353 / 195068) (day institutions)

2017 In **general** student-teacher ratio **9/1** (3921673 / 439701)

in the **public** system pupil-teacher ratio **9/1** (3894193 / 435188)

in the **private** system pupil-teacher ratio **6/1** (27480 / 4513)

per **city** area pupil-teacher ratio: N/A

per **region** area pupil-teacher ratio: N/A

Vocational Education and Training

Vocational Education

2021 In **general** student-teacher ratio **8/1** (250336 / 31324)

in the **public / private** system: N/A

per **region / city** area: N/A

2020 In **general** student-teacher ratio **N/A** (246855 / N/A)

in the **public / private** system: N/A

per **region / city** area: N/A

2019 In **general** student-teacher ratio **N/A** (245775/ N/A)

in the **public / private** system: N/A

per **region / city** area: N/A

2018 In **general** student-teacher ratio **N/A** (254991 / N/A)

in the **public / private** system: N/A

per **region / city** area: N/A

Vocational pre-tertiary education/ professional pre-higher education

2021 In **general** student-teacher ratio **8/1** (282319 / 34974)

in the **public** system student-teacher ratio N/A (257809 / N/A)

in the **private** system student-teacher ratio N/A (24510 / N/A)

per **region / city** area student-teacher ratio: N/A

2020 In **general** student-teacher ratio **8/1** (165622 / 22071)

in the **public** system student-teacher ratio N/A

in the **private** system student-teacher ratio N/A

per **region / city** area student-teacher ratio: N/A

Higher Education

2021 In **general** student-teacher ratio **8/1** (1046669 / 125360)

in the **public** system student-teacher ratio **N/A** (1008230 / N/A)

in the **private** system student-teacher ratio **N/A** (38439 / N/A)

2020 In **general** student-teacher ratio **8/1** (1141889 / 135216)

in the **public** system student-teacher ratio **N/A** (1028060 / N/A)

in the **private** system student-teacher ratio **N/A** (113829/ N/A)

2019 In **general** student-teacher ratio **9/1** (1439706 / 156909)

in the **public** system student-teacher ratio **N/A** (1316974 / N/A)

in the **private** system student-teacher ratio **N/A** (122732 / N/A)

2018 In **general** student-teacher ratio **10/1** (1522250 / 152977)

in the **public** system student-teacher ratio **N/A** (1393921 / N/A)

in the **private** system student-teacher ratio **N/A** (128329 / N/A) \

- [The share of public/private education at all levels of the education system](#)

2021

Early Childhood Education and Care

97% public Institutions (98% pupils) and 3% private Institutions (2% pupils)

Primary Education and Lower and Upper Secondary Education

97% public Institutions (98% pupils) and 3% private Institutions (2% pupils)

Vocational Education and Training

Vocational Education

The share of public/ private education: N/A

Vocational pre-tertiary education/ professional pre-higher education

91% public Institutions (91% pupils) and 9% private Institutions (9% pupils)

Higher Education

73% public Institutions (96% pupils) and 27% private Institutions (4% pupils)

- [The special facilities and provisions, at all levels and sectors of education, for persons with special needs](#)

The Law of Ukraine On Education, National Strategy on Barrier-Free space

2021

Early Childhood Education and Care

Numbers of pupils with special needs: 78 068, 7% of the pupils enrolled at this level (pupils with special needs: 61 248 children with special educational needs (children with disabilities, etc.); 2 657 orphans and children deprived of parental care; 14 163 children affected by the consequences of the Chernobyl disaster).

3017 preschool education institutions that have inclusive groups with 88 000 children.

1 602 preschool education institutions that have special purpose groups for 60 020 children with disabilities of hearing, speech, vision, intelligence, musculoskeletal system, mental retardation.

Primary Education and Lower and Upper Secondary Education

Numbers of pupils with special needs: 289 981, 7% of the pupils enrolled at these levels (pupils with special needs: 76 455 children with special educational needs (children with disabilities, etc.); 44 454 orphans and children deprived of parental care; 169 072 children affected by the consequences of the Chernobyl disaster).

There are 13 681 secondary education institutions. The number of secondary education institutions in which unhindered access for pupils with disabilities to the floors is organized: to the first floor – 11014 (80,5% of the secondary education institutions) institutions, second – 92 (0,67%), third – 75 (0,55%), fourth and the next floors – 29 (0,21%).

310 special secondary education institutions for 41955 children with disabilities and with the needs for rehabilitation as well as 6 sanatorium schools.

Vocational Education and Training

Vocational Education

Numbers of students with special needs: 26 138, 10,4% of the students enrolled at this level (students with special needs: 4 269 students with special educational needs (children with disabilities, etc.); 10 272 orphans and children deprived of parental care; 2897 children from dysfunctional / troubled families, 8700 children from low-income families).

Vocational pre-tertiary education/ professional pre-higher education

Data N/A

Higher Education

Data N/A

2019

Higher Education

Numbers of students with special needs: 30 274, 2% of the students enrolled at this level (students with special needs: 12 959 students with special educational needs (individuals with disabilities, etc.); 17 315 orphans and young people deprived of parental care).

- [The sex-disaggregate data on enrolment in STEM \(science, technology, engineering, mathematics\) education at secondary, tertiary levels as well as in VET.](#)

2021

Vocational Education and Training

Vocational Education

Enrolment in STEM: N/A

Completion rates: N/A

Vocational pre-tertiary education/ professional pre-higher education

Enrolment in STEM: 102 695 students (including 18 666 females)

Completion rates: N/A

Higher Education

Enrolment in STEM: 310 063 students (including 72 114 females)

Short cycle (Junior Bachelor)

Enrolment in STEM: 695 students (sex-disaggregate data: N/A)

Bachelor

Enrolment in STEM: 188 013 students (sex-disaggregate data: N/A)

Master

Enrolment in STEM: 46 302 students (sex-disaggregate data: N/A)

PhD

Enrolment in STEM: 7 184 students (sex-disaggregate data: N/A)

Completion rates: N/A

Data on enrolment and completion rates for pupils/students from non-majority communities at the different levels of the education system

2021

Early Childhood Education and Care

Enrolment: The number of children in preschool institutions from non-majority communities with a native language of education: 5 234 (Russian), 4 387 (Hungarian), 3 373 (Romanian), 835 (Moldovan), 105 (Polish), 57 (Crimean Tatar), 51 (Slovak).

Completion rates: N/A

Primary Education and **Lower and Upper Secondary Education**

Enrolment: The number of children in secondary education institutions from non-majority communities with a native language of education: 82 700 (Russian), 17 733 (Hungarian), 15 534 (Romanian), 2 293 (Moldovan), 950 (Polish), 69 (Crimean Tatar), 128 (Slovak).

Completion rates: N/A

Vocational Education and Training

Vocational Education

Enrolment: N/A

Completion rates: N/A

Vocational pre-tertiary education/ professional pre-higher education

Enrolment: N/A

Completion rates: N/A

Higher Education

Enrolment: N/A

Completion rates: N/A