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**Eurostat metadata**

**Reference metadata**

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For any question on data and metadata, please contact: [EUROPEAN STATISTICAL DATA SUPPORT](#)

**1. Contact**

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**1.1. Contact organisation**

National Institute of Statistics

**1.2. Contact organisation unit**

Wages, Labour Cost, Job Vacancies and Education

**1.5. Contact mail address**

16, Libertății Avenue, District 5, Bucharest – zip code 050706

**2. Statistical presentation**[Top](#)**2.1. Data description****A general description of the statistical process and its outputs, and their evolution over time.****NATIONAL EDUCATION SYSTEM**

The following documents provide general information on the educational system; please add the relevant links for your country.

General link to Eurydice:

[http://eacea.ec.europa.eu/education/eurydice/eurybase\\_en.php](http://eacea.ec.europa.eu/education/eurydice/eurybase_en.php)

National system broad overview:

National Educational Law no.1/2011 Consolidated 2017 version in ANNEX I

<https://webgate.ec.europa.eu/fpfis/mwikis/eurydice/index.php/Romania:Overview>

National Education System Description:

[https://webgate.ec.europa.eu/fpfis/mwikis/eurydice/index.php/Romania:Educational Support and Guidance](https://webgate.ec.europa.eu/fpfis/mwikis/eurydice/index.php/Romania:Educational_Support_and_Guidance)

National Education System - Provisions regarding language learning:

**ANNEX II**

Structure of Education and Training Systems:

Structure of Romanian Formal Education and Training System is as follows:

- early childhood education and development - ISCED01 (children in nurseries)
- pre-primary education - ISCED02 (children in kindergartens)
- pre-university education
  - primary education (ISCED1) - students start the level with the preparatory form at the age of 6 and continue with grades 1 to 4 of primary education
  - lower secondary education (ISCED2) - students enrolled in Second Chance programme also included
  - upper secondary (high school) general and vocational education (ISCED3) - students enrolled in Second Chance programme also included.

NOTE: Formal mandatory education in Romania spans over 10 years of studies.

- post-secondary non tertiary education (ISCED 4)
- tertiary education (ISCED 6, 7, 8)

Please, use the box below if you wish to complement or amend the information provided by Eurydice:

Starting with the 2010-2011 academic year, **ISCED 5 level** - corresponding to ISCED 2011 (short-term tertiary education) - **studies are no longer carried out** in Romania.

When describing the structure of Romania's higher (tertiary) education, EURYDICE's website does not refer to postgraduate studies, or to postdoctoral programmes.

In what concerns the **early education and development level**, as per par. (2), Art. 2 of the Methodology for organizing and functioning of nurseries and other early childhood education units (regulated by Government Decision No. 1252 of December 12, 2012): "**Nurseries** and, as the case may be, day care centres organizing early childhood education study groups **are part of both the social services national system** regulated by the Social Assistance Law no. 292/2011, through the provision of care and surveillance services, **and the pre-university education system** governed by the National Education Law no. 1, as subsequently completed and amended, through provision of early childhood education services".

Link to the ISCMAP programme and qualification:

ANNEX III

National link to programmes and qualifications:

<http://www.anc.edu.ro/>

### Annexes:

[National Educational Law no.1/2011](#)

[National Education System - Provision regarding language learning](#)

[ISCMAP programme and qualification 2016/2017](#)

### 2.2. Classification system

- International Classification of Education (**ISCED 2011**).
  - Field of education classification - detailed levels (**ISCED-F**).
- **Nomenclature of territorial units for statistics (NUTS 2013)** classification for the national and regional level (**NUTS0, NUTS1**).
- **Ownership:**

- Private sector includes: private majority ownership (private capital over 50%), entirely private ownership, cooperative ownership, communal ownership, entirely foreign ownership;  
 - Public sector includes: entirely state ownership, state majority ownership (state capital over 50%), public national and local ownership.

### 2.3. Coverage - sector

Data collection covers all education institutions in each of the education levels, irrespective of ownership (public or private), or the residence area they are established in (urban or rural).

### 2.4. Statistical concepts and definitions

Statistical concepts and definitions related to the variables of the statistical researches on education are in accordance with the European standards, namely the commission regulation (EU) No 912/2013 of 23 September 2013 on implementing Regulation (EC) No 452/2008 of the European Parliament and of the Council concerning the production and development of statistics on education and lifelong learning.

### 2.5. Statistical unit

Educational unit is the selection unit for non-financial data and for private educational units' expenditure (FINED-INV).  
 The household (HBS) is the selection unit for private financial expenditure; the selection unit for other private entities is represented by NGOs, religious institutions and organizations, as well as charity organizations (FINED-ONG).

### 2.6. Statistical population

Total number of school units having legal personality whereby one or several education levels are functioning, i.e.: nurseries, kindergartens, primary schools, gymnasiums, special educational units, highschoools, vocational schools, post-secondary schools, foremen schools and academic (tertiary education) institutions.

### 2.7. Reference area

National and regional level.

RO	ROMANIA
RO1	MACROREGION ONE
RO11	North-West
RO12	Center
RO2	MACROREGION TWO
RO21	North-East
RO22	South-East

RO3	MACROREGION THREE
RO31	South - Muntenia
RO32	Bucharest - Ilfov
RO4	MACROREGION FOUR
RO41	South-West Oltenia
RO42	West
<b>2.8. Coverage - Time</b>	
Statistical research on education data are available on a yearly basis, for the entire reference school/academic year 2016-2017, respectively the financial year 2016 for the financial data.	
<b>2.9. Base period</b>	
Not applicable.	

<b>3. Statistical processing</b>				<a href="#">Top</a>
<b>3.1. Source data</b>				
<b>For each UOE table, please list the source(s) used to compile information: UOE table, name, type, date of availability and responsibility.</b>				
Sources used for data on enrolments				
Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)	Responsible of the source (UOE data provider / Other: which-one?)	
Number of students (ISCED 0 to 8) by type of institution and	Statistics research: SC 0.1 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary	Data are obtained from exhaustive surveys carried	NIS	

sex (Enr11A-INST and Enr11B-INST)	education; SC 4.1 and SC 5.1a Upper secondary (High education and Profesional/Vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	out on an annual basis.	
Number of students in formal adult education by level of education ISCED 1-4, age and sex (Enr19-ADULT)	Statistics research: SC 2.1 Primary and lower secondary education; SC4.1 High education and SC 5.1a Profesional/Vocational education	Data are obtained from exhaustive surveys carried out on an annual basis.	NIS
Number of full and part-time students (ISCED 0-8) by age and sex (Enr12-AGE&FP)	Statistics research: SC 0.1 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and Profesional/Vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys carried out on an annual basis.	NIS
Number of mobile students ISCED 6 to 8 by broad field of education, age and sex (Enr15-MOB&FIELD)	Statistics research: SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys carried out on an annual basis.	NIS
Number of students (ISCED2011 levels 6 to 8) by country of origin, age and sex (Enr16-MOB&COUNTRY)	Statistics research: SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys carried out on an annual basis.	NIS

Sources used for data on entrants

Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)	Responsible of the source (UOE data provider / Other: which-one?)
Number of new entrants (ISCED 3-4) by age and sex (Entr1-Age)	Statistics research: SC 4.1 and SC 5.1a Upper secondary (High education and Professional/vocational education); SC 5.1b Post-secondary education	Data are obtained from exhaustive surveys on an annual basis	NIS
Number of new entrants (ISCED 5-8) by fields of education and sex (Entr3-Field)	Statistics research: SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys on an annual basis	NIS

Sources used for data on personnel

Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)	Responsible of the source (UOE data provider / Other: which-one?)
Number of students with coverage adjusted to classroom teachers (ISCED 0-4) and academic staff (ISCED 5-8) by level of education, programme orientation, type of institution, and intensity of participation (PERS1_STUD).	Statistics research: SC01 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and Professional/Vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.	NIS

Classroom teachers (ISCED 0-4) and academic staff (ISCED 5-8) by type of institution, intensity of participation and sex (PERS2-INST).	Statistics research: SC01 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and Professional/vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.	NIS
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Sources used for data on enrolments at regional level

Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)	Responsible of the source (UOE data provider / Other: which-one?)
Number of students by level of education, programme orientation, sex and region (REGIO 1).	Statistics research: SC01 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and Professional/vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.	NIS
Number of students by age, sex and region (REGIO 2).	Statistics research: SC01 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and Professional/vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.	NIS



Sources used for data on foreign languages learning

Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)	Responsible of the source (UOE data provider / Other: which-one?)
Number of students (ISCED 1-3) by programme orientation, Number of language studied and modern foreign languages studied (LANG).	Statistics research: SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and Professional/vocational education)	Data are obtained from exhaustive surveys on an annual basis.	NIS

Sources used for data on graduates

Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)	Responsible (UOE data provider / Other: which-one?)
Number of graduates (ISCED 3 to 8) by age and sex (GRAD2-AGE)	Statistics research: SC 4.2 and SC 5.2a Upper secondary (High education and Professional/vocational education); SC 5.2b Post-secondary education	Data are obtained from exhaustive surveys on an annual basis.	
Number of degree mobile graduates (ISCED 5 to 8) by field of education and sex (GRAD6-MOB&FIELD)	Statistics research: SC 6.2a and SC 6.2b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.	
Number of graduates (ISCED 5 to 8) with credit mobility (minimum 3 months) by level of education and country of destination, type of mobility and sex (CREDMOB1A_SCHEME, CREDMOB2A_DEST) and number of graduates (ISCED 5 to 8) with credit	Statistics research: SC 6.2a and SC 6.2b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.	

mobility (less than 3 months) by level of education, country of destination, type of mobility and sex (CREDMOB2B-DEST)

Sources used for data on education expenditure

Detailed variables concerned	Name of the source	Type (Survey / Register / Estimation / Other)
Number of students (ISCED 0 to 8) with coverage adjusted to statistics on educational finance by type of institution (FIN_STUDENTS)	Statistics research: SC01 Early childhood education, SC 1.1 Pre-primary education; SC 2.1 Primary and lower secondary education; SC 3.1 Special primary and lower secondary education; SC 4.1 and SC 5.1a Upper secondary (High education and professional/vocational education); SC 5.1b Post-secondary education; SC 6.1a and SC 6.1b Tertiary education	Data are obtained from exhaustive surveys on an annual basis.
Educational expenditure by level of education, source and destination (FIN1_SOURCE)	Data on public expenditure are provided by Ministry of Public Finance and data of private expenditure are provided by NIS	(NIS) - Data on private expenditure are provided by annual statistic research for all levels of education: FIN ED-INV (Private educational institutions expenditure in 2016 financial year) and FIN ED-ONG (Expenditure of NGOs, religious institutions and organizations and of charities for the educational institutions in the year 2016); HBS - data

		on household expenditure for private education institutions were taken from the 2016 Household Budget Survey. (MPF) - Data on public expenditure are provided by annual statistic (balance sheet)	
FIN2_NATURE: Education expenditure by level of education, type of institution and nature	Data on public expenditure are provided by Ministry of Public Finance and data of private expenditure are provided by NIS	(NIS) - Data on private expenditure are provided by annual statistic research for all level of education: FIN ED-INV (Private educational institutions expenditure in 2016 financial year) and FIN ED-ONG (Expenditure of NGOs, religious institutions and organizations and of charities for the educational institutions in the year 2016); HBS - data on household expenditure for private education institutions were taken from the 2016 Household Budget Survey. (MPF) - Data on public expenditure are provided by annual statistic (balance sheet)	NIS
<b>3.2. Frequency of data collection</b>			
Formal education exhaustive statistical researches on enrolments and graduates, on private educational units' expenditure, as well as on other private entities' expenditure for educational purposes are conducted <b>annually</b> . Data on household expenditure for education in the Additional Section of HBS are collected <b>annually</b> .			
<b>3.3. Data collection</b>			
Data collection methods used to obtain the data entered in the UOE Tables are the on-line and on paper questionnaires and collection from administrative sources (Ministry of Public Finances).			
<b>3.4. Data validation</b>			
Statistical data on education were validated upon entry (in Excel file or IT application) by the territorial statistical offices and by the NIS headquarters' research responsible. The IT application for data entry and validation was used to find all errors and non-correlations occurred during data collection and/or data entry. The IT solution was developed using Visual Fox and divided into two components:			

- IT solution at local level – territorial statistical offices;
- IT solution at central level – NIS headquarters (Bucharest).

The IT solution at **local level** allowed the data entry and validation at each county level (42 counties in total – NUTS3 level). The IT solution at **central level** contained the IT programs for:

- integrity checking (identification data of the educational units were checked);
- printing the code of errors occurred and the non-correlation of the variables within same chapter or between chapters;
- solving the potential errors.

### 3.5. Data compilation

Operations performed on data to derive new information according to a given set of rules.

Weighting methods		
Weighted figures for differing reference periods	Weighted figures for differing theoretical ages	Conversion factors from part-time to full-time equivalent (FTE) data
Not applicable	Not applicable	part time/2+full time = full time equivalent (FTE)

#### Estimations methods used in the UOE questionnaires

Type of data	Detailed variables concerned	ISCED level	Reference year(s)	Data source (internal to UOE or not)	Data type (sample-based or not)	Data source name in English	Reason	Description of the estimation method
Educational expenditure -FIN1- Source	Private source, households expenditure, payments to public institutions (row H1), and (net) payments	All ISCED levels: ISCED0, ISCED1, ISCED2, ISCED3, ISCED4, ISCED6,7,8	2016 financial year	Internal to UOE	Sample based	Statistical research: 1.Exhaustive research on student enrolled in every	Estimation methods were used to succeed in submitting UOE data on payments to public institutions and	Total household expenditures for each level were multiplied by the percentage of students enrolled in public educational

	to independent private institutions - row H3.					education level; 2. Additional section (SC) of the Household Budget Survey (HBS).	payments to independent private institutions for all ISCED levels.	institutions in the total number of students corresponding to each education level, and then divided by 100. The same estimation method was used also for private educational institutions.
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### 3.6. Adjustment

Not applicable.

## 4. Quality management

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### 4.1. Quality assurance

The quality of exhaustive statistical research on education (the "SCs" for each ISCED level) data, as well as the quality of data related to educational expenditure research (FINED-INV, FINED-ONG and the Additional Section of Household Budget Survey) are provided in compliance with the European Statistics *Code of Practice* for each step of the organization and carrying out of the said research.

Designing the statistical questionnaires, the detailed methodological specifications (including the ISCED-F Fields of Study Classification annex), the IT solution, as well as the validation during data processing, have led to complete and high quality data.

### 4.2. Quality management - assessment

The quality assessment of the variables is related to the quality of the exhaustive data sources on education.

All the standard statistical quality criteria are met (i.e. users' needs satisfied based on data usefulness and timeliness; various dissemination formats and breakdowns; national and Eurostat dissemination timetable observed).

## 5. Relevance

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## 5.1. Relevance - User Needs

### Summary of core users

The main users of the exhaustive research on education results may be grouped as following:

(i) **internal users**

- *national Government* Ministry of Public Finances, Ministry of National Education,
- *national Parliament*,
- *research institutes and universities*: Research Institute for Education, Romanian Academy, Academy of Economic Studies, etc.
- *mass-media*;
- *students, PhD students*.

(ii) **external users:**

- foreign research institutes;
- European Union and international organisations: Eurostat, OECD, UNDP, World Bank;
- foreign students.

The **Romanian Academy**, the highest cultural forum of Romania, has several main objectives: preserve the language and national literature, the study of national history, major scientific research fields, and promoting democratic and ethical principles regarding the free communication of ideas in science, art and letters Romanian.

The **Academy of Economic Studies** is the top representative higher economic education institution in Romania.

## 5.2. Relevance - User Satisfaction

(i) **internal users:**

In Romania, official statistics is under the responsibility of National Institute for Statistics (NIS). In order to ensure the objective and the transparent and scientific character of the methodologies, indicators and classifications used in statistics, the Council of Coordinating the Statistical Activity was set-up.

The Council is composed of representatives of:

- Romanian Academy,
- specialized higher education system and research,
- ministries and other specialized bodies sub-ordinate to the Government,
- Romanian National Bank,
- trade unions,

- employers' associations,
- mass-media,
- professional associations.

The representatives of the Council meet quarterly or more frequently when is necessary, in working groups by statistical fields. During these meetings NIS receives a strong feed-back from the users in terms of the results already disseminated (including the level of details, breakdowns etc.) and the requests for further needed information to be included in next statistical inquiries

Before finalising the tools for the research on education, NIS usually advises with the main statistical data users (Ministry of National Education, Ministry of Public Finances) and asks for methodological approval given by the “Commission of Methodological Approval” (CAM).

The last time the questionnaire, explanatory notes and annexes to the exhaustive research on education results were submitted for the methodological approval was in 2016.

**(ii) external users:**

- European Union and international organizations: survey tools were designed whilst observing the recommendations stated in the Commission Regulation no. 912/2013, in terms of details and data type, as well as the transmission format of data on education; when different levels of aggregations are asked, if it is possible, data are processed accordingly or, if not, the most appropriate are given with the needed explanations;
- Foreign research institutes: depending on the request, either data are sent in the available format either are prepared to reach as much as possible their needs;

Foreign students: most of their requests are satisfied by the available data.

**5.3. Completeness**

**The extent to which all statistics that are needed are available.**

	ISCED levels not covered						
	Enrolments	Entrants	Personnel	Foreign languages learning	Regional enrolments	Graduates	Education expenditure
<b>Data not covered</b>	Data regarding: 1.	Data regarding: 1. new	Personnel and teacher aides in institutions with	No difficulty	No difficulty	Data regarding: 1.graduates of	Distinctive payments to public (H1 row) and

	enrolments in academic / professional programmes (ISCED 6, 7, 8)	entrants for academic / professional programmes (ISCED 6, 7, 8)	combined education levels.			academic/professional programmes.	independent private (H3 row) institutions by ISCED level, in relation to household expenditure (FIN1_SOURCE).
<b>Reasons for unavailable data and, planned actions to improve coverage</b>	Tertiary education in Romania does not specifically stipulate for the types of fields of education for the two orientations: academic and professional.	Tertiary education in Romania does not specifically stipulate for the types of fields of education for the two orientations: academic and professional.	This information is not available for the responding units; the data record system does not allow identifying and extracting the requested information.	Not applicable.	Not applicable.	Tertiary education in Romania does not specifically stipulate for the types of fields of education for the two orientations: academic and professional.	The Additional Section (SC) of the Household Budget Survey (HBS) did not mention the ownership of the institution for which the household had any educational expenditure. Discussions are carried out with a view to find a solution to introduce the ownership type in the Additional Section (SC) of the Household Budget Survey (HBS).
<b>5.3.1. Data completeness - rate</b>							
Not available.							



## 6. Accuracy and reliability

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### 6.1. Accuracy - overall

Not applicable.

### 6.2. Sampling error

Not applicable.

#### 6.2.1. Sampling error - indicators

Not applicable.

### 6.3. Non-sampling error

See below.

#### 6.3.1. Coverage error

#### Divergence between the frame population and the target population.

Vocational training		Programmes shorter than one semester (or Implementation of the semester rule)			
Are vocational and technical training programmes in enterprises included in the UOE data collection (YES/NO)?	If Yes, how is the 10% school based component over the whole length of the programme assessed?	Do (formal) programmes of shorter duration than one semester, full time equivalent duration as defined nationally, exist (YES/NO)?	If Yes, how their duration (shorter than one semester) is assessed?	Are all programmes of shorter duration than one semester, full time equivalent duration as defined nationally excluded from the UOE data collection (YES/NO)?	If NO, how does the coverage deviate from the UOE Manual recommendation?
YES	Data are collected on training stages involving at least 25% practical training throughout	NO	Not applicable	YES	Not applicable

the duration of the programme (2 or 3 years).

Early childhood education programmes

Special education needs (SNE) programmes

Do early childhood educational development programmes (ISCED2011 level 01) exist in the country (YES/NO)?

If Yes, are these programmes included in the UOE data collection (YES/NO)?

Are students in special education included in the data provided on enrolments, entrants, graduates and regional data (YES/NO)?

If NO, could you please specify for which questionnaires and explain why?

YES

YES

YES. Students and personnel involved in special education are included in all data on enrolments, entrants and graduates. Students with special needs are excluded from data on foreign languages.

Not applicable.

Adult education programmes and "continuing education"		Students enrolled in educational institutions organised by ministries other than ministry of education				
Are adult education programmes included in the data? (YES/NO)	If NO, why?	If YES, does the national definition of "adult" or "continuing" education fully comply with the category as defined by the UOE manual?	If the national definition of "adult" or "continuing" education programmes does not fully comply with the category as defined by the UOE manual, how it is assessed that the national "adult" or "continuing" programmes are similar or equivalent to corresponding initial education?	Do educational programmes organised by Ministries other than Ministry of education exist in the country (YES/NO)?	If Yes, which coverage of these programmes in the UOE data collection?	If Yes, and if relevant, which of those programmes are excluded from the UOE data collection?.
YES		"Second Chance" programme is equivalent to initial education, because this programme aims at students' completion of the compulsory education (ISCED levels 1,2 and 3, namely 10 grades). The Romanian "Second Chance" programme is aimed at helping people aged over 14 who have not		YES	The pre-university education in the defense (military) system, public order and national security is public, is part of the national education system and includes military high school, post-secondary education training for WOs, NCOs, police officers and penitentiary agents. The curricula for	None of those programmes are excluded from the UOE data collection.

completed the primary and secondary education, so that they can complement and / or complete their basic education in the compulsory education and training to obtain a professional qualification in a given field. Schooling in the "Second Chance" programme for primary / secondary education has a 4 years standard duration (or shorter) and it is organized through courses held whilst combining basic education with training to obtain qualification. People younger or older than students in equivalent programmes in initial education can enrol in this "Second chance" programme. Considering all the above mentioned, our national "adult" education fully

military specialist disciplines are developed by the Ministry of Defense, Ministry of Interior, Ministry of Justice and other institutions involved in the field of defense, public order and national security and is approved by the Ministry of National Education.

complies with the category as defined by the UOE manual.

Domestic educational activities

Distance learning / e-learning programmes

<p>Are all country's domestic educational activities reported in the UOE data collection (YES/NO)?</p>	<p>If NO, which domestic educational activity (e.g. for example Distance learning/e-learning involving two countries, commuting students, foreign campus, European administration schools, etc.) are not reported and why?</p>	<p>Are distance learning programmes data reported in the UOE questionnaires? (YES / NO / Partially / Not relevant)</p>	<p>If NO, please explain why.</p> <p>If Partially, which ones are excluded and for what reasons?</p>	<p>If distance students are included in the data, are national distance learners in programmes organised by institutions outside your country excluded?</p>
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NO

Data on distance learning/e-learning involving 2 countries were not collected.

Partially

Data on students in distance learning programmes organized outside Romania were excluded. Aggregated data on distance students in national educational programmes by Romania are included in the UOE data collection.

YES

Students participating in exchange programmes (credit mobile students)			Foreign languages learning		
Are students in short term postings (i.e. exchange programmes (credit mobility)) excluded from the population of students in the data collection (YES/NO)?	If Yes, how the length of their stay abroad is assessed?	If NO, why they are not excluded?	Are students with SNE (Special Needs Education) enrolled in special schools excluded from the data on foreign languages? (YES/NO)	Apart from SNE pupils, is the scope of the population the same as the total of students enrolled? (YES/NO)	If NO, which pupils are not included?
NO	Not applicable.	The students in short term (credit mobility) are not excluded because they come back to continue their studies in the country of tertiary studies enrolment.	YES	NO	In the first two grades in primary education learning of foreign languages are optional, not compulsory.

National programmes not covered by the UOE data collection, by ISCED level - Reasons why they are not covered

Programmes not covered at ISCED 0- Early childhood education	Programmes not covered at ISCED 1- primary level of education	Programmes not covered at ISCED 2- lower secondary level of education	Programmes not covered at ISCED 3- upper secondary level of education	Programmes not covered at ISCED 4- post-secondary non-tertiary education	Programmes not covered at ISCED 5- short-cycle tertiary education	Programmes not covered at ISCED 6- Bachelor's or equivalent level	Programmes not covered at ISCED 7 – Master's or equivalent level	Programmes not covered at ISCED 8 – Doctoral or equivalent level
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	In Romania, starting with the 2010-	Not applicable	Not applicable	Not applicable

2011  
academic  
year, ISCED  
5 level  
(ISCED  
2011) -  
short-term  
tertiary  
education - is  
no longer  
carried out.

Graduates: unduplicated count

Is the method of unduplicated count used for  
calculation of Graduates in the UOE data collection  
(YES/NO)?

If YES, please explain the method.

NO, for pre-university education (ISCED 3,4).  
YES, for tertiary (ISCED6 ISCED8).

NIS collects, by means of an exhaustive research, data on first time  
graduates (total graduates and degree graduates) for levels ISCED 6 and  
ISCED 8.

Orientation of programme in tertiary education

Does the orientation (general/academic, vocational/professional) in tertiary  
education (ISCED levels 5 to 7) exist in the country  
(YES/NO)?

If YES, what is the national definition of the  
programme orientation?

NO

Not applicable

**6.3.1.1. Over-coverage - rate**

Not applicable

**6.3.1.2. Common units - proportion**

Not applicable

<b>6.3.2. Measurement error</b>					
Not applicable					
<b>6.3.3. Non response error</b>					
Not applicable					
<b>6.3.3.1. Unit non-response - rate</b>					
Not applicable					
<b>6.3.3.2. Item non-response - rate</b>					
Not applicable					
<b>6.3.4. Processing error</b>					
Not applicable					
<b>6.3.4.1. Imputation - rate</b>					
Not applicable					
<b>6.3.5. Model assumption error</b>					
Not applicable					
<b>6.4. Seasonal adjustment</b>					
Not applicable					
<b>6.5. Data revision - policy</b>					
Not applicable					
<b>6.6. Data revision - practice</b>					
<b>Any change in a value of a statistic released to the public.</b>					
Type of data reviewed	Detailed variables concerned	Reference time period	Year when the revision was made	Reason having led to the revision	Consequences on accuracy
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>6.6.1. Data revision - average size</b>					
Not applicable					



## 7. Timeliness and punctuality

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### 7.1. Timeliness

**Length of time between data availability and the event or phenomenon they describe. Typically includes:**

Information related to the latest reference year (academic year t-t+1, or financial year t)

Type of data	Data collection		Post-collection phase		Dissemination/publication in your country		Additional comments on deadlines and timeliness
	Start date	End date	Start date	End date	Start date	End date	
Information are collected yearly for the beginning of school/academic year (number of students enrolled, new entrants, educational personnel, class size). From June to November, the data collected is disseminated in 6 papers (for each educational level separately) and one publication summarizing the educational system in Romania, as well	The beginning of academic year 2016/2017 is oct/nov 2016	January 2017	January 2017	March 2017	June 2017	November 2017	Data collection/post-collection/dissemination/publication periods are in accordance with the PSNA (Yearly National Statistical Program), as approved by means of Government Decision.

as in other synthesis publications.							
Information are collected yearly for the ending of school/academic year (graduates) and the financial data refers to financial year t. From June to November, the data collected is disseminated in 4 papers (for each educational level separately) and the same publication (mentioned above) summarizing the educational system in Romania, as well as in other synthesis publications.	The end of school/academic year 2016/2017 is oct/nov 2017	January 2018	January 2018	March 2018	June 2018	November 2018	Data collection/post-collection/dissemination/publication periods are in accordance with the PSNA (Yearly National Statistical Program), as approved by means of Government Decision.
<b>7.1.1. Time lag - first result</b>							
For all education levels, 10 months pass since the last day of the reference period (September 2017) to the day of publication of the first and final results (June 2018).							
<b>7.1.2. Time lag - final result</b>							
Not applicable							
<b>7.2. Punctuality</b>							
The actual delivery of the data and the target date when it should have been delivered are the same, namely, there is no time lag.							
<b>7.2.1. Punctuality - delivery and publication</b>							

**The number of days between the delivery/release date of data and the target date on which they were scheduled for delivery/ release.**

Submission dates for the latest reference year (academic year t-t+1, or financial year t)

Deadline for transmission of data: 30 September t+2

Deadline for transmission of data: 30 November of t+2

Enrolments	Entrants	Personnel	Foreign languages learning	Regional data	Graduates	Education expenditure
30/09/t+2	30/09/t+2	30/09/t+2	30/09/t+2	30/09/t+2	30/11/t+1	30/11/t+2

If relevant, reasons for late delivery and action taken or planned for improving punctuality

Enrolments	Entrants	Personnel	Foreign languages learning	Regional data	Graduates	Education expenditure
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

## 8. Coherence and comparability

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The statistical principles concerning data coherence and comparability, as stipulated by the relevant European Regulation, are observed.

### 8.1. Comparability - geographical

**The extent to which statistics are comparable between countries.**

#### A. Deviations between the national methodology and the UOE Manual: non financial data

Reference period	Data collection period	Reference date for student and personnel ages
Not applicable	Not applicable	Data are collected by age as at January 1st of the year T-1. Tables using T-1 data: -Number of full- and part-time students (ISCED2011 levels 0 to 8) by age and sex (ENRL2-AGE&FP), -Number of part-time students (ISCED 2011 levels 0 to 8) by age and sex (ENRL3-AGE&P),

-Number of students in initial primary and lower secondary education (ISCED 1 and 2) by age, grade and sex (ENRL8-Grade),  
 -Number of students in formal adult education by level of education (ISCED 1-4) age and sex (ENRL9-Adult),  
 -Number of new entrants (ISCED 3 to 8) by age and sex (ENTR1-Age),  
 -Number of new entrants, who are mobile (ISCED 6 to 8) by age and sex (ENTR2-Mobile&Age),  
 -Number of new entrants to grade 1 by prior enrolment, age and sex (ENTR4-G1&Age),  
 -Classroom teachers (ISCED 0-4) and academic staff (ISCED 6-8) by level of education, programme orientation, sex and age (PERS3-Age).

Enrolment: data collection period

Enrolment in multiple fields of education

Count of students: if relevant, detailed list of variables for which double counting are significant and why.

Regional enrolment

Foreign languages learning

Not applicable

Not applicable

Not applicable

Not applicable

Not applicable

Entrants

New entrants by field of education

Graduates from specific programmes

Graduates by field of education

In this category are requested data on new entrants in a level of education, new entrants in a field of education and international/mobile students enrolled for the first time in RO.

Not applicable

Not applicable

Not applicable

Educational personnel in work- and school-based combined programmes	Educational personnel taxonomy: classroom teachers (ISCED 0-4) and academic staff (ISCED 5-8)	Educational staff at ISCED level 0	Educational personnel at ISCED levels 5-8	Educational personnel and temporary replacements
Combined programmes educational personnel involve two types of educational personnel, namely unit's own educational personnel and associated educational personnel. However, NIS does not collect information on the second category.	Not applicable	Not applicable	Not applicable	Not applicable

**B. Deviations between the national methodology and the UOE Manual: financial data**

Expenditure at the pre-primary level - the childcare component

Reference period	Expenditure at the pre-primary level: is the childcare component excluded (yes/no/partially)?	If yes, which is exactly the share of "day care component" to be excluded from the data on the pre-primary level? If no, which estimation method is used to determine the share?	Expenditure for teaching/academic hospitals	Ancillary services expenditure	Evening child care
Not applicable	Partially	Financial data on (non) educational private entities and households expenditure for the pre-primary level, i.e. data on expenses for ancillary services, (may) include data on the childcare component expenditure.	Data are not included in the UOE reporting.	Not applicable	Not applicable

Cost of a dual-system programme to the employer.	Adjustment of enrolments in case there is no data on expenditure at the workplace	Expenditure for contributions on pension schemes	Households' payments for private tutoring	Student living costs	Ancillary services coverage
Data are not included in UOE reporting.	Data are not included in UOE reporting.	Not applicable	Not applicable	Not applicable	Not applicable

**8.1.1. Asymmetry for mirror flow statistics - coefficient**

Not applicable

**8.2. Comparability - over time**

**The extent to which statistics are comparable or reconcilable over time.**

Main changes compared to data transmitted for the previous reference period

	Enrolments	Entrants	Personnel	Foreign languages learning	Regional data	Graduates	Education expenditure
Changes in the educational system	Not the case.	Not the case.	Not the case.	Not the case.	Not the case.	Not the case.	Not the case.
Changes in the coverage	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Changes in the methodology	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Other changes	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Main changes over time

Type of data	Detailed variables concerned	Reference year(s)	Changes in the educational system	Changes in the coverage	Changes in the methodology	Other changes
Data on adult education	Adult education	Beginning of	Data are included in the total school	A new category of	Not applicable	Not applicable

		school year 2004-2005	population, but are distinguished also separately. The series is continuous since 2004-2005.	students is recorded, along with other existing types of students.		
Number of students in tertiary education. Implementation Bologna Process	Number of students in tertiary education. Applying the principles of Bologna, ISCED 5B Programmes entered into liquidation or were converted into ISCED 5A Programmes.	Beginning of academic year 2005-2006	Starting with the 2005-2006 academic year started the 3 higher education study cycles. Currently decisions are made by government on methodological framework elements and principles of organization of university masters and doctoral degrees. In 2008 the first group of students graduated the university course according to the principles of the Bologna Process, and starting with 2008-2009 academic year the first candidates for	There were no changes in the series.	Not applicable	Not applicable

			master cycle participated to the entrance examination. Students were moving depending of the transformation of curricula.			
Private expenditure	All the variables	2005 2013 2014	Not applicable	Private expenditure Financial data for the year 2013, include educational expenditure of NGOs, charities, religious entities (institutions and organizations) - Table FIN1_SOURC E, rows E1, E3, E5a, E5b, E10 (expenditure of other non-educational private entities). Financial data for the 2014 financial year	Starting with 2014 year, to complement the data sources for the financial educational expenditure, Additional Section (SC) of the Household Budget Survey was used.	Not applicable



				include data on educational expenditure collected via the HBS - Table FIN1_SOURCE, rows H1,H3,H5b,H15, H16, H17 (households expenditure).		
Tertiary education: number of enrolments, new entrants, students by region and graduates.	Tertiary education: number of enrolments, new entrants and graduates in tertiary education by age, country of usual residence. First time graduates from ISCED level (6, 7 and 8) and graduates at the tertiary level	2012/2013 academic year	Not applicable	Estimation method, due to the fact that Bachelor`s studies are split in two ISCED levels: data on studies having 3 or 4 years in duration are collected as ISCED 6, and those having 5 or 6 years in duration go to ISCED 7.	Regarding the enrolments, new entrants, students by region and graduates in tertiary education: Bachelor`s studies are split in two ISCED levels: data on studies having 3 or 4 years in duration are collected as ISCED 6, and those having 5 or 6 years in duration go to ISCED 7.	As of 2014/2015, first time graduates from the ISCED level (6,7, and 8), as well as first time graduates at the tertiary level are not covered because the NIS has not collected data on these first time graduates categories.

<p>Number of enrolments in primary education</p>	<p>Number of new entrants in primary education</p>	<p>2012/2013 school year</p>	<p>Preparatory class became part of ISCED 1; it is no longer included in ISCED 02.</p>	<p>Preparatory class became part of ISCED 1; it is no longer included in ISCED 02.</p>	<p>Starting with the school year 2012/2013, as per legislation in force (Law no. 1/2011 on Education), the age groups for the school-aged population are: 3-5 years for pre-primary education (ISCED 02), 6-10 years for primary education (ISCED 1), 11-14 years for lower secondary education (ISCED 2), 15-18 years for upper secondary education (ISCED 3), 19-23 years and over for post high school education (ISCED 4) and tertiary education (ISCED 6,7 and 8).</p>	<p>Not applicable</p>
<p>Number of enrolments in vocational education</p>	<p>Number of new entrants in vocational education</p>	<p>2012/2013 school year 2013/2014 school year</p>	<p>Not applicable</p>	<p>Vocational education ISCED 3 was relaunched by means of initializing the "Alegeti drumul" ("Choose your</p>	<p>Not applicable</p>	<p>Vocational education ISCED 3 - starting with the 2013/2014 school year, lower-secondary</p>

				pathway") programme (as of 2012/2013)		(8th grade) graduates are provided with the opportunity to enrol in a 3-year vocational program (ISCED3).
Number of graduates in upper secondary education	Number of graduates in upper secondary education	2012/2013 school year	Not applicable	In what concerns the number of graduates in upper secondary education: in addition to the previous school year, includes the number of graduates corresponding to "Sufficient for level completion, without direct access to tertiary".	Not applicable	Not applicable
<b>8.2.1. Length of comparable time series</b>						
Not applicable						

### 8.3. Coherence - cross domain

The extent to which statistics are reconcilable with those obtained through other data sources or statistical domains.

Name of the national publication	Coherence issues
Romania's Statistical Yearbook	Data transmitted through the joint UOE were obtained by means of exhaustive research. TEMPO Database existing with in the NIS does not include data on Master`s and PhD degree programmes. Moreover, there is no publication or yearbook to contain such information. Such data is collected annually and processed and supplied only in the joint UOE collection. TEMPO - Central time series database contains statistical indicators covering all areas of economic and social importance (including educational indicators) characterizing specific phenomena from Romania. Time series are stored so as to ensure continuity and comparability in time, scope, methodology and representativeness. eDEMOS - The National Informational Statistical System - provides interested users with data on various statistical indicators (both primary and derivated) in different areas of interest - Education included - at macroregional, regional, county and locality level. LFS - sample survey - the target population for the survey was defined as the persons - temporary and permanent - in Romania, members of households and the reference period for the information related to education activities is the last 4 weeks prior to the date of the interview.
Romania's Educational system - syntetic data	
Annual Reports on education (the beginning and end of school/academic years)	
Databases: TEMPO, eDEMOS	
Household survey (LFS)	

### 8.4. Coherence - sub annual and annual statistics

Not applicable

### 8.5. Coherence - National Accounts

The extent to which statistics are reconcilable with National Accounts.

Calculation method	Scope of education
Data on public expenditure (FIN1-Source and FIN2-Nature) and data collected for the National Accounts have the same administrative source (Ministry of Public Finances).	Public educational expenditure by ISCED 2011 level.

### 8.6. Coherence - internal

Not applicable

## 9. Accessibility and clarity

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### 9.1. Dissemination format - News release

Press release on educational system in the school year 2016-2017 at [http://www.insse.ro/cms/sites/default/files/com\\_presa/com\\_pdf/sistemul\\_educational\\_2018\\_e.pdf](http://www.insse.ro/cms/sites/default/files/com_presa/com_pdf/sistemul_educational_2018_e.pdf)

### 9.2. Dissemination format - Publications

- **Romanian educational system - Summary data** (school/academic year 2016-2017) at [http://www.insse.ro/cms/sites/default/files/field/publicatii/sistemul\\_educational\\_in\\_romania\\_2016\\_2017.pdf](http://www.insse.ro/cms/sites/default/files/field/publicatii/sistemul_educational_in_romania_2016_2017.pdf)
- **Romania's Statistical Yearbook 2017** at [http://www.insse.ro/cms/sites/default/files/field/publicatii/anuarul\\_statistic\\_al\\_romaniei\\_carte\\_en.pdf](http://www.insse.ro/cms/sites/default/files/field/publicatii/anuarul_statistic_al_romaniei_carte_en.pdf)
- **Romania in figures 2018** [http://www.insse.ro/cms/sites/default/files/field/publicatii/romania\\_in\\_figures\\_2018\\_0.pdf](http://www.insse.ro/cms/sites/default/files/field/publicatii/romania_in_figures_2018_0.pdf)
- **Women and men Partnership for work and life 2018** [http://www.insse.ro/cms/sites/default/files/field/publicatii/femeile\\_si\\_barbatii\\_parteneriat\\_de\\_munca\\_si\\_de\\_viata.pdf](http://www.insse.ro/cms/sites/default/files/field/publicatii/femeile_si_barbatii_parteneriat_de_munca_si_de_viata.pdf)

### 9.3. Dissemination format - online database

TEMPO database on education at <http://statistici.insse.ro/shop/index.jsp?page=tempo2&lang=en&context=25>

#### 9.3.1. Data tables - consultations

Not applicable

### 9.4. Dissemination format - microdata access

Not applicable

### 9.5. Dissemination format - other

Via official answer (e-mail, fax, letter) through the dissemination directorate, subject to the data users' requests addressed to NIS on education matters.

### 9.6. Documentation on methodology

Metadata and methodological notes are included in all statistical research on education releases (press release, publication, ad hoc data requests).

- See the descriptive text accompanying the statistical questionnaires and classifications used in the exhaustive statistical research available at <http://www.insse.ro/cms/ro/content/statistica-educatiei>
- Other descriptive details of educational variables disseminated are available on each page pertaining to every matrix (SCL) of the TEMPO database

### 9.7. Quality management - documentation

Data on education collected via exhaustive statistical research observe the Quality Guidelines for Romanian Official Statistics. This guide was prepared to ensure that designing and implementing of the research succeeds in careful balancing of objectives of relevance, accuracy, timeliness, accessibility, clarity, coherence, whilst at the same time attempting to minimize cost and reporting burden.

#### 9.7.1. Metadata completeness - rate

All materials and documents disseminated on education statistical data are accompanied by relevant metadata (methodological explanations).

#### 9.7.2. Metadata - consultations

Information not available.

## 10. Cost and Burden

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**Indication of the cost associated with the collection and production of a statistical product and burden on respondents.**

Time spent (in working days)

Comments

128 full-time equivalents working days

Not applicable

## 11. Confidentiality

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See details under section 11.1 and 11.2.

### 11.1. Confidentiality - policy

All statistics collected and published by NIS are governed by the statistical Law no. 226/2009 regarding the organisation of official statistics, published in Romania's Official Journal First part, no. 397/11.06.2009, with further amendments. The Law specifies that: the official statistical services are authorised to ask for and receive free of charge statistical data and information from all natural and legal persons who are located on the Romanian territory, hold any kind of capital or carry out any type of activity.

Also under the provision of this law, NIS cannot publish, or otherwise make available to one individual or organisation, statistics that could enable the identification of data for any individual person or entity.

NIS has been officially recognised by the government as fully independent organisation: it decides by itself which data to collect, which methodology to use, and which results, methodological notes and commentaries are published.

The most important aspects on the organisation of the official statistics in Romanian are posted on the National Institute of Statistics Internet website (<http://www.insse.ro>). Copies of the statistical laws are available in Romanian from the library of the National Institute of Statistics, 16, Libertatii Avenue, Bucharest, sector 5.

### **11.2. Confidentiality - data treatment**

In accordance to the Eurostat anonymization criteria.

## **12. Comment**

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We provided information on all compulsory variables required by the Commission Regulation (EU) No 912/2013.

## **Related metadata**

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## **Annexes**

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