



Agency for Strategic planning  
and reforms of the  
Republic of Kazakhstan  
Bureau of National statistics

# Quality report

*Technical and vocational, post-secondary  
education in the Republic of Kazakhstan*

## Content

S.1 Contact details

S.2 Introduction - Relevance

S.3 Updating metadata

S.4 Presentation of statistical information

S.5 Unit of measurement

S.6 Reporting period

S.7 Legal basis

S.8 Confidentiality and data protection

S.9 Publication Policy

S.10 Frequency of propagation

S.11 Dissemination format, accessibility and clarity

S.12 Availability of Documentation

S.13 Quality management

S.14 Relevance

S.15 Accuracy and reliability (to be completed taking into account the type of observation)

S.16 Timeliness and punctuality

S.17 Comparability

S.18 Consistency

S.19 Load

S.20 Revision of data

S.21 Processing of statistical data

S.22 Notes

## S.1 Contact details

### S.1.1 Organization

Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan

### S.1.2 Structural subdivision

Department of Social and Demographic Statistics

### S.1.3 Name of contact person

Turebaeva Aliya Shamshidinovna

#### S.1.3.1 Name of the head of the responsible structural unit

Head of Department Khanzhigitov Nurlan Erkenovich

### S.1.5 Postal address of the contact person

010000, Kazakhstan, Nur-Sultan, Left Bank of the Ishim River, 8 Mangilik avenue, House of the Ministry, 4 entrance

### S.1.6 E-mail address of the contact person

a. turebaeva@economy.gov.kz

### S. 1.7 Telephone number of the contact person

8(7172)74-92-58

## S.2 Introduction-Relevance

This statistical observation relates to the education sector. The statistical form is compiled on the basis of data from the primary accounting documentation available in the educational department, accounting, personnel department and other departments of the educational institution. Educational organizations of technical and vocational education (school, college) are organizations that implement professional programs of technical and vocational education aimed at training qualified workers and link specialists in the main areas of socially useful professional activity. Data on the specialty is filled in in accordance with the "Classifier of professions and specialties of technical and vocational, post-secondary education", approved and put into effect by order of the Committee for Technical Regulation and Metrology of the Ministry of Industry and Trade of the Republic of Kazakhstan dated June 3, 2008 No. 273-od.

## S.3 Updating metadata

### S.3.1 Latest confirmation of updated metadata

### S.3.2 Latest placement of metadata

### S.3.3 Latest metadata update

## S.4 Presentation of statistical information

### S.4.1 Data description

Number of students in educational institutions - the number of students in technical and vocational education institutions. In statistical reporting, data on the number of students are given by courses, sex, age, specialties and other indicators. And also, in a statistical form, data are filled in separately for full-time, evening and part-time forms of study.

#### S.4.2 Classification system

1. "Classifier of professions and specialties of technical and vocational, post-secondary education" approved and put into effect by the order of the Committee for Technical Regulation and Metrology of the Ministry of Industry and Trade of the Republic of Kazakhstan dated June 3, 2008 No. 273-od (KPSTPPO);
2. Classifier of administrative-territorial objects (KATO NK RK 11-2009);
3. Classifier of forms and types of ownership (KFS);
4. Classifier of nationalities (CN TST 1.12-2004) is available on the website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www. stat.gov.kz](http://www.stat.gov.kz) in the section / Home / "Classifiers."

#### S . 4.3 Sectoral coverage

The circle of respondents is represented by legal entities and (or) their branches and representative offices that train specialists in the field of technical and professional, post-secondary education, regardless of the form of ownership and departmental affiliation.

#### S.4.4 Statistical concepts and definitions

1. The type of observation is continuous.
2. Data collection toolkit - statistical form of national statistical observation "Report on technical and vocational, post-secondary education", statistical form code 621112179, index 2-NK, periodicity - annual. The statistical form is available on the Bureau of national statistics website [www. stat.gov.kz](http://www. stat.gov.kz) in the section "For respondents" / Statistical forms for 2019 / Annual forms.

The following definitions apply for the purposes of completing this statistical form:

- 1) the number of book loans - the amount of literature issued per home, registered in the reader's forms;
- 2) graduation of trainees - the number of trainees who have defended their diplomas or passed final exams, both from the number of trainees who completed their studies in the current year, and from those who have completed the course in previous years;

- 3) accepted (admission of students) - the number of students newly admitted to the educational institution at the beginning of the academic year as a result of competitive selection;
- 4) payroll number of teachers - the number of persons hired under an employment contract, regardless of the term of its conclusion;
- 5) arrived during the previous academic year - the number of students who arrived (accepted) at the educational institution after the enrollment order;
- 6) dropped out during the previous academic year - data on the number of students who dropped out of the educational institution after October 1 of the previous year.

#### S.4.5 Statistical object

Organizations of technical and professional, post-secondary education in the Republic of Kazakhstan

#### S.4.6 General population (principle of selection of survey units)

absent

#### S.4.7 Territorial coverage

Republic of Kazakhstan (14 regions, cities of republican significance, the capital)

#### S.4.8 Time coverage

2000-2018

#### S.4.9 Base period

2018

#### S.5 Unit of measurement

Human

#### S.6 Reporting period

year

#### S.7 Legal basis

##### S.7.1 Legal framework

1. 1. Law of the Republic of Kazakhstan dated March 19, 2010 No. 257-IV "On state statistics".
2. Rules for the provision of primary statistical data by respondents, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 9, 2010 No. 173.
3. The plan of statistical work, approved in accordance with the established legislative procedure of the Republic of Kazakhstan by the Order of the Minister of National Economy of the Republic of Kazakhstan.
4. Schedule for the dissemination of official statistical information, approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

5. Rules for the provision on a gratuitous basis of statistical information not provided for by the schedule for the dissemination of official statistical information and developed on the basis of primary statistical data submitted by respondents in accordance with the schedule for providing respondents with primary statistical data, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated May 20, 2010 No. 113.
6. Rules for the provision and use for scientific purposes of the database in a de-identified form, approved by the Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.
7. "Methodology for the formation of statistical indicators on education according to the scheme" International Standard Classification of Education-2011 "", approved by the order of the Acting Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated December 23, 2015 No. 220. Registered with the Ministry of Justice of the Republic of Kazakhstan on January 21, 2016 No. 12908.

## S.8 Privacy and data protection

### S.8.1 Privacy Policy

1. Article 8 of the Law of the Republic of Kazakhstan dated March 19, 2010 "On State Statistics", in accordance with which a guarantee of confidentiality and protection of the submitted data by respondents is ensured.
2. Article 28 of the Entrepreneurial Code of the Republic of Kazakhstan dated October 29, 2015 ensures the protection of information constituting a commercial secret.
3. Information security policy (hereinafter - the Policy) approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated October 31, 2016 No. 252 defines the goals, objectives, guidelines and practical techniques in the field of ensuring information security of the Committee. The main goal of the Policy is to ensure the availability of official statistical information, confidentiality of information stored and processed on the computer equipment of the Committee under the conditions of its integrity and authenticity.

### S.8.2 Privacy - data handling

The rules for the provision and use of databases in a de-identified form for scientific purposes, approved by Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.

## S.9 Publication Policy

### S.9.1 Publication Calendar

Clause 1, Clause 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257. The schedule for the dissemination of official statistical information is posted on the Bureau of national statistics website [www.stat.gov.kz](http://www.stat.gov.kz) / Home / "Basic documents".

### S.9.2 Access to the Graph

The schedule for the dissemination of official statistical information is posted on the Bureau of national statistics website [www.stat.gov.kz](http://www.stat.gov.kz) / Home / "Basic documents".

### S.9.3 User access

Bureau of national statistics website [www.stat.gov.kz](http://www.stat.gov.kz) / Main / Official statistics / By industries / Education statistics.

## S.10 Propagation frequency

year

## S.11 Dissemination format, accessibility and clarity

### S.11.1 News publications

Every year, before February 5, release of the press release "Technical and vocational, post-secondary education in the Republic of Kazakhstan".

### S.11.2 Publications

Bureau of national statistics website [www.stat.gov.kz](http://www.stat.gov.kz) / Main / Official statistics / By industry / Education statistics / Bulletins / "Technical and vocational, post-secondary education in the Republic of Kazakhstan".

### S.11.3 Databases in on-line mode

IAS "Taldau" in the section Education statistics - Technical and vocational education.

#### S.11.3.1 AC1. Data tables-consultation

Not realized

### S.11.4 Microdata access

The rules for the provision and use of databases in a de-identified form for scientific purposes, approved by Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.

### S.11.5 Other

The information is used by the Statistical Committee of the CIS, UNESCO IS, the Eurasian Economic Commission and other international statistical organizations.

#### S.11.5.1 AC2. Metadata consultation

Not implemented

#### S.12 Availability of Documentation

##### S.12.1 Methodology documentation

The entire methodology is posted on the Bureau of national statistics website [www.stat.gov.kz](http://www.stat.gov.kz) / Main / Methodology / in the section Social statistics, "Methodological position on statistics", "Methodology for the formation of statistical indicators on education according to the scheme" International Standard Classification of Education-2011 "", approved by order of the Acting Chairman of the Bureau of national statistics.

Ministry of National Economy of the Republic of Kazakhstan dated December 23, 2015 No. 220. Registered with the Ministry of Justice of the Republic of Kazakhstan on January 21, 2016 No. 12908.

##### S.12.2 Quality documentation

1. Policy in the field of quality, approved by the order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated April 23, 2015 No. 67.
2. Objectives in the field of quality Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, Objectives in the field of quality of the relevant structural unit.
3. Documented information of the quality management system: Quality manual; Documented procedures; Instructions; Process maps.
4. Standard methodology for describing the process of production of statistical information by state bodies, approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated March 30, 2015 No. 53.
5. Methodology for assessing the quality of official statistical information, approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated May 23, 2018 No. 63.

#### S.13 Quality management

##### S.13.1 Quality assurance

Quality and reliability of statistics on technical and vocational, post-secondary education.

- compliance with the basic principles of primary accounting;
- use of standard statistical classifications;



- at the stages of collection and processing of primary data, all control schemes (format-logical, arithmetic) have been developed and implemented;
- to confirm the reliability of the primary data, it is possible to obtain additional information from the respondents;
- a comparative analysis of statistical data (in dynamics) is carried out.

#### S.13.2 Quality assessment

#### S.14 Relevance

##### S.14.1 Needs

Administration of the President of the Republic of Kazakhstan, the Office of the Prime Minister of the Republic of Kazakhstan, the Mazhilis, the Senate, government bodies, individuals and legal entities, industry departments, the CIS Statistical Committee, the EEC. Statistical information is needed to analyze the socio-economic situation of the Republic of Kazakhstan (in the field of education).

##### S.14.2 User satisfaction

On an annual basis, the collection of proposals from users and respondents, regional departments of statistics is carried out. A survey of users of official statistical information is carried out according to the questionnaire Q-002 "Survey of users". And also, when revising the statistical form, it goes through the procedures of coordination with the interested state bodies, non-governmental organizations, NPP "Atameken".

##### S.14.3 Completeness / R1. Data completeness-share

#### S.15 Accuracy and reliability (to be completed according to the type of observation)

##### S.15.1 Overall accuracy

Not applicable.

##### S.15.2 Sample errors - indicators / A1.

Not applicable.

##### S.15.3 Non-sampling error

Unacceptably.

##### S.15.3.1 Coverage error

Unacceptably.

##### S.15.3.1.1 A2. Overcoverage-share

##### S.15.3.1.2 A3 General units-ratio

##### S.15.3.3 No response errors

##### S.15.3.3.1 A4. Absence unit-fraction

In this case, control is used for the correctness and completeness of data entry.

##### S.15.3.3.2 A5.No answer item - share

#### S.16 Timeliness and punctuality

##### S.16.1 Timeliness

##### S.16.1.1 TP1 Waiting period - first results

The first results in the bulletin are published on the 76th day after the deadline for the provision of primary statistical information by the respondents and are final. The release dates were approved and published in the Statistical Work Plan and the Schedule for the Dissemination of Official Statistical Information.

#### S.16.1.2 TP2.Waiting Period - Latest Results

The first results are final.

#### S.16.2 Punctuality

##### S.16.2.1 Punctuality / TP3

The data are published in accordance with the Statistical Work Plan approved in accordance with the procedure established by the legislation of the Republic of Kazakhstan and the Schedule for the dissemination of official statistical information, approved by the order of the Chairman of the Bureau of national statistics.

#### S.17 Comparability

##### S.17.1 Geographic comparability

Within the territories of the Republic of Kazakhstan.

##### S.17.1.1 Asymmetry in mirrored flow statistics-coefficient / CC1

##### S.17.2 Length of comparable time series / CC2

The dynamic range of education is comparable and continuous since 2000.

#### S.18 Consistency

##### S.18.1 Consistency, external, cross

The International Standard Classification of Education 2011 (ISCED 2011) is used. The statistical toolkit has been agreed with the Ministry of Education and Science of the Republic of Kazakhstan and non-governmental organizations.

##### S.18.2 Internal consistency

The statistical toolkit, as well as the method for generating indicators, has been agreed with all structural divisions of the Bureau of national statistics.

#### S.19 Load

The collection of data on technical and vocational, post-secondary education is carried out in electronic form and on paper at the request of the respondent. Data collection is carried out online, in which automated arithmetic and logical controls are provided for the respondent, excluding the possibility of typical input errors. Information processing processes are automated using local software systems, control of input and output information is provided.

#### S.20 Revision of data

##### S.20.2 Revision of data / A6

Unacceptably.

#### S.21 Processing of statistical data

#### S.21.1 Initial data

The dataset on technical and vocational, post-secondary education is based on sources of primary statistical information in the statistical form "Report on technical and vocational, post-secondary education".

#### S.21.2 Inspection frequency

year

#### S.21.3 Method (method) of collecting primary statistical data

Data collection is carried out on paper or in electronic form by filling out the statistical form "Report on technical and vocational, post-secondary education". It is carried out in electronic form through the use of the information system "Data collection in on-line mode" posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan ([www.stat.gov.kz](http://www.stat.gov.kz)).

#### S.21.4 Reliability of primary statistical data

To check the reliability of primary statistical data, format-logical controls are provided.

#### S.21.5 Imputation - share / A7

Unacceptably.

#### S.21.6 Correction

Unacceptably.

#### S.21.6.1 Seasonal adjustment

Unacceptably.

#### S.22 Notes

In the future, continue to work to ensure data quality.