



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

Quality report

On postgraduate education

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

Turebayeva Aliya Shamshidinkyzy

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 unit, accounting, personnel department and other divisions of a higher educational institution or scientific organization (orders for enrollment, transfer, graduation from magistracy, residency and doctoral studies, admission to the defense of a dissertation, expulsion of undergraduates, students of residency, doctoral students and other documents). Data on the specialties of magistracy, residency and doctoral studies are filled in in accordance with the "Classifier of areas for training personnel with higher and postgraduate education", approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569. Registered with the Ministry of Justice of the Republic of Kazakhstan dated October 17, 2018 No. 17565.

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

This form on the training of scientific and pedagogical personnel of higher qualifications in higher educational institutions and scientific organizations, with the award of the academic degree "master", "students of residency" and the scientific degree of "doctoral student" (the number of undergraduates, students of residency and doctoral students and the movement of the contingent - admission, graduation, with distribution by sex, age, specialties and other indicators).

S.4.2 Classification system

1. "Classifier of areas for training personnel with higher and postgraduate education" approved by order of the Minister of Education and Science of the Republic of Kazakhstan dated October 13, 2018 No. 569. Registered with the Ministry of Justice of the Republic of Kazakhstan dated October 17, 2018 No. 17565;
2. Classifier of administrative-territorial objects (CATO NK RK 11-2009);
3. Classifier of forms and types of ownership (KFS);
4. The Classifier of Nationalities (CN TST 1.12-2004) is posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section / Home / "Classifier".

S.4.3 Секторальный охват

To generate data on postgraduate education, the number of undergraduates, residency students and doctoral students is used (by region, by gender, age, by country of arrival, by nationality, specialty, by form of study and form of ownership and by state grant).

S.4.4 Statistical concepts and definitions

1. The type of observation is continuous.
2. The circle of respondents - represent higher educational institutions and scientific organizations that train specialists in the field of postgraduate education. Submission deadline - until October 5 (inclusive) of the reporting period.
3. Data collection tools - statistical form of national statistical observation "Report on postgraduate education", statistical form code 621112124, index 1-NK, periodicity - annual. The statistical form is available on the Bureau of national statistics website www.stat.gov.kz in the section "For respondents" / Statistical forms / Annual.

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

- 1) Doctor by profile - a degree awarded to persons who have mastered the doctoral program in the relevant field of professional activity and defended a dissertation in the Republic of Kazakhstan or abroad, recognized in the manner prescribed by the legislation of the Republic of Kazakhstan;
- 2) doctoral student - a person studying in doctoral studies;
- 3) doctoral studies - postgraduate education, educational programs of which are aimed at training personnel for scientific, pedagogical and (or) professional activities, with the award of the degree of Doctor of Philosophy (PhD), doctor in the profile;
- 4) undergraduate - a person studying for a magistracy;
- 5) Master's degree - postgraduate education, educational programs of which are aimed at training personnel with the award of a Master's degree in the relevant specialty;
- 6) residency - a form of obtaining postgraduate advanced medical education in a clinical specialty;
- 7) residency student - a specialist mastering educational curricula of postgraduate advanced medical education in clinical specialties;
- 8) Doctor of Philosophy (PhD) - a degree awarded to persons who have mastered the doctoral program in the scientific and pedagogical direction and defended a thesis in the Republic of Kazakhstan or abroad, recognized in the manner prescribed by the legislation of the Republic of Kazakhstan.

S.4.5 Statistical object

Higher educational institutions and scientific organizations.

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

Absent

S.4.7 Territorial coverage

"14 regions, cities of republican significance, the capital"

S.4.8 Time coverage

2003-2018

S.4.9 Base period

2003

S.5 Unit of measurement

Human

S.6 Reporting period

year

S.7 Legal basis

S.7.1 Legal framework

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 the 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 of statistical information on a gratuitous basis that is 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 the provision of primary statistical data by respondents, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics of 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 of 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 information security. Security 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-handling of data

The rules for the provision and use of databases in a de-identified form for scientific purposes, approved by the 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 / 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 / Home / "Basic documents".

S.9.3 User access

Bureau of national statistics website www.stat.gov.kz / Main / Official statistical information / Education.

S.10 Propagation frequency

year

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

Annually on December 14, the bulletin "On postgraduate education in the Republic of Kazakhstan"

S.11.2 Publications

Bureau of national statistics website www.stat.gov.kz / Main / Official statistical information / Education / Bulletins / "On postgraduate education in the Republic of Kazakhstan at the beginning of the 2018-2019 academic year."

S.11.3 Databases in on-line mode

IAS "Taldau" in the section Education statistics - Postgraduate education.

S.11.3.1 AC1. Consultation datasheets

S.11.4 Microdata access

The rules for the provision of databases for scientific purposes 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.

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

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 / 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 the order of the Acting Chairman of the Bureau of national statistics of the 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

The quality and reliability of data on statistics of postgraduate 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.Excess coverage-share
- S.15.3.1.2 A3 Common units-ratio
- S.15.3.3 Non-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 67th 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 territory 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 2009.

- S.18 Consistency

- S.18.1 Consistency, external, cross

The International Standard Classification of Education 2011 (ISCED 2011) is used.

- 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, the Ministry of Education and Science of the Republic of Kazakhstan and non-governmental organizations.

- S.19 Load

The collection of data on postgraduate 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

The statistical toolbox is revised in the following cases:

- 1) Amendments to the normative legal acts;
- 2) Instructions of the Government of the Republic of Kazakhstan;
- 3) Bringing statistical methodology in line with international standards.

S.21 Processing of statistical data

S.21.1 Input data

The data set on postgraduate education is based on sources of primary statistical information in the statistical form "Postgraduate education report".

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 postgraduate 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).

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