Quality report

Key indicators of the labor market in the Republic of Kazakhstan

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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 division

Employment Statistics Division, Department of Labor and Living Standards Statistics

S.1.3 Contact person name

Alimbetova Ainur Serikovna

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

Belonosova Natalia Evgenievna

S.1.5 Contact person's postal address

010000, Kazakhstan, Astana, Mangilik el ave. 8, Ministry House, entrance 4

S.1.6 Contact person email address

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S.1.7 Contact person's phone number

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S.2 Introduction - relevance

Labor market indicators are important elements of the characteristics of the state of the economy as a whole and for individual types of economic activity. A sample survey of employment of the population is one of the methods and sources of collecting extensive data, which characterize in detail and comprehensively the situation of the population in the labor market and provide information that cannot be obtained from other sources.

The information obtained from the survey is comparable at the international level in terms of concepts, definitions and methodology for calculating indicators.

The purpose of the survey is to obtain up-to-date data on the state of the labor market, in particular:

- by the number of labor force;
- by the number of employed population;
- by the number of unemployed;
- by the number of persons not included in the labor force;
- by socio-demographic composition;
- by classification and grouping according to various characteristics.

The survey results allow us to estimate the number of employed and unemployed people, their distribution by gender, age, marital status, education and professional composition, categories of employment and circumstances of unemployment, methods of additional employment, ways of finding work, which is especially important in a market economy, in which the labor market canfunction in both organized and unorganized forms.

- Feedback is provided through the Bureau's Unified Contact Center by calling the short number 1446 (free in Kazakhstan), Telegram-bot@statgovkz, Online consultant on the Bureau's Internet resource http://stat.gov.kz

S.3 Updating metadata

S.3.1 Last confirmation of updated metadata

26.05.2025

S.3.2 Last Placement of metadata

26.05.2025

S.3.3 Last Metadata Update

26.05.2025

S.4 Presentation of statistical information

S.4.1 Description of data

Labor force – employed and unemployed population.

An employed person is an individual who carries out activities for payment or by generating income through the use of property, production and sale of goods, performance of work, or provision of services.

An unemployed person is an individual who is looking for work and is ready to start working.

Persons not in the labour force are persons who are not employed or unemployed.

S.4.2 Classification system

The following statistical classifiers are used during the survey:

1. Classifier of administrative-territorial objects (KATO NK RK 11-2009).
2. General classifier of types of economic activities (NK RK 03-2019).
3. National Classifier of Occupations (NK RK 01-2017).

- These classifiers are posted on the Bureau's Internet resource http://stat.gov.kzin the section "Home" / "Statistical classifiers"

S.4.3 Sectoral coverage

The employment survey is conducted in all regions of the republic based on the sample observation method with subsequent dissemination of the results to the entire population. The objects of observation are households (individuals aged 15 years and older).

S.4.4 Statistical Concepts and Definitions

1. Observation type - sample survey.
2. Form index – "T-001".
3. Submission deadline – according to the Schedule for the provision of primary statistical data by respondents on national and departmental statistical observations.
4. The following definitions apply for the purposes of completing this statistical form:

1) A household is an economic entity consisting of one or more individuals living together, pooling all or part of their income and property, and consuming goods and services together. The survey involves 227,785 households.

2) An employee is an individual performing work under an employment contract or carrying out activities under a civil law contract, in which the schedule and payment for the time worked or for a unit of goods produced, or for services rendered are determined by the customer;

3) Self-employed persons are individuals engaged in the production (sale) of goods, works and services individually without an employment contract.

5. Data collection tool - Statistical form - "Questionnaire for a sample survey

of employment of the population", index T-001, frequency monthly. The statistical form is available on the Internet resource of the Bureauhttp://stat.gov.kzin the section "For respondents" / Statistical forms / Monthly forms. The form was approved by the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan on August 27, 2022, No. 19.

S.4.5 Statistical object

Households and individuals aged 15 years and over. The unlimited upper age limit allows for a more precise assessment of the possible participation in the labour market of retired individuals who continue to work, the lower age limit for adolescents, and also to ensure international comparability of data.

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

The questionnaire of the sample survey of employment of the population is carried out on the basis of the sample observation method.

The information base for forming the sample of households is the SHR.

The use of this database is due to a number of advantages:

- the presence of a ready-made sampling frame, which eliminates one of the significant cost items associated with the compilation of the sampling frame;
- the presence of a constantly updated database, which is necessary for the implementation of household rotation;
- availability of information about households at a territorial level.

The number of households in the general population is 5,610,082 households. The sample population is 227,785 households or 4.1% of the general population, and the reserve is 100%. Households living in all types of residential premises are subject to the survey, with the exception of those living in shared communal apartments, dormitories, boarding houses for the elderly and disabled, orphanages, prisons, hotels, religious communities and other similar residential premises. In order to reduce the burden on interviewers when collecting information, settlements with fewer than 100 households are excluded from the general population.

S.4.7 Territorial coverage

The Republic of Kazakhstan (regions, cities of republican significance and the capital, districts)

S.4.8 Time span

Data on the main indicators of the labor market in the Republic of Kazakhstan have been generated on an annual basis since 2001, and there are dynamic series for 2001-2024.

S.4.9 Base period

Not applicable

S.5 Unit of measurement

Human

S.6 Reporting period

Year

S.7 Legal basis

S.7.1.Legalbase

1. Law of the Republic of Kazakhstan dated March 19, 2010 No. 257-IV "On

State Statistics".

2. Rules for the submission of primary statistical data by respondents data approved by the order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 9, 2010 No. 173 (registered in the Ministry of Justice of the Republic of Kazakhstan dated September 8, 2010 No. 6459).

3. Rules for the free provision of statistical information not provided for in 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 submission of primary statistical data by respondents, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated May 20, 2010 No. 113 (registered with the Ministry of Justice of the Republic of Kazakhstan dated June 10, 2010 No. 6283).

4. Rules for the presentation of databases in de-identified form for use in scientific and scientific-technical activities, approved by the order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 2, 2010 No. 168 (registered in the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388).

5. "Methodological Regulations on Statistics" on the Bureau's Internet resource http://stat.gov.kz in the "Methodology" section.

6. The plan of statistical work approved by the Order of the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan.

7. The schedule for the dissemination of official statistical information, approved by the Order of the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan.

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 data provided 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. The Information Security Policy (hereinafter referred to as the Policy), approved by the Order of the Head of the National Statistics Bureau of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated February 10, 2021 No. 20, defines the goals, objectives, guidelines and practical methods in the field of ensuring information security of the Bureau. The main goal of the Policy is to ensure the availability of official statistical information, the confidentiality of information stored and processed on the Bureau's computing equipment, subject to its integrity and authenticity.

S.8.2 Privacy - handling of data

The survey is conducted on a voluntary basis, without the need to provide documents. The collected data is processed and published in aggregate

form. Questionnaires with primary data are stored in the archive for one year.

1. Article 8 of the Law of the Republic of Kazakhstan dated March 19, 2010 No. 257-IV "On State Statistics" on ensuring the guarantee of confidentiality and protection of data provided by respondents.

2. The Information Security Policy (hereinafter referred to as the Policy), approved by the Order of the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated February 10, 2021 No. 20, defines the goals, objectives, guidelines and practical techniques in the field of ensuring information security of the Bureau.

3. Rules for the presentation of databases in de-identified form for use in scientific and scientific-technical activities, approved by the order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 2, 2010 No. 168 (registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388).

S.9 Publication policy

S.9.1 Publication calendar

paragraph 1, paragraph 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257-IV.

Plan of statistical work and The schedule for dissemination of official statistical information for 2025 is available on the Unified Portal of Government Agencies www.gov.kz in the section "Government agencies" / "Others" / "Agency for Strategic Planning and Reforms of the Republic of Kazakhstan" / "Bureau" / "Documents".

S.9.2 Access to the Schedule

Schedule for the dissemination of official statistical information for 2025 available on the Unified Portal of Government Agencies www.gov.kz in the section "Government agencies" / "Others" / "Agency for Strategic Planning and Reforms of the Republic of Kazakhstan" / "Bureau" / "Documents".

S.9.3 User access

Internet resource of the Bureau www.stat.gov.kz in the section "Home" / "Statistics" /Labor and Income / Employment and Unemployment.

S.10 Frequency of distribution

Annual

S.11 Distribution format, accessibility and clarity

S.11.1 News publications

The press release "Situation on the labor market" is published quarterly on the 14th day after the reporting period.

S.11.2 Publications

1) Internet resource of the Bureau www.stat.gov.kz in the section "Home" / "Statistics" /Labor and income / Employment and unemployment /Spreadsheets / Key Labor Market Indicators;

2) Internet resource of the Bureau www.stat.gov.kz in the section "Home" / "Statistics" /Labor and income / Employment and unemployment /Dynamic series.

S.11.3 Databases in on-line mode

Information and analytical system Taldau http://taldau.stat.gov.kz in the section "Labor and Employment Statistics".

S.11.3.1 AC1. Data tables - consultations

Not implemented.

S.11.4 Access to microdata

Rules for the presentation of databases in de-identified form for use in scientific and scientific-technical activities, approved by the Order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 2, 2010 No. 168 (registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388).

Information on the conditions for submitting an application is available on the Bureau's website http://stat.gov.kz in the sections "For researchers" and "Personal account" / "User account".

S.11.5 Other

S.11.5.1 AC2. Metadata - consultations

Not implemented.

S.12 Availability of documentation

S.12.1 Methodology documentation

Available on the Bureau's website http://stat.gov.kz in the section "Methodology" / "Methodological provisions on statistics".

S.12.2 Quality documentation

1. Quality Policy approved by the order of the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated November 16, 2020.

2. Standard methodology for describing the process of producing statistical information by government agencies, approved by the Order of the Chairman of the Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated March 30, 2015 No. 53.

3. Methodology for assessing the quality of official statistical information, approved by the Order of the Chairman of the Statistics Committee of the Ministry of National Economy 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 employment statistics data is maintained by generally accepted procedures.:

- compliance with the basic principles of primary accounting;

- use of standard statistical classifications;

- at the stages of collecting and processing primary data, all control schemes (format-logical, arithmetic) have been developed and implemented;

- a comparative analysis of statistical data (in dynamics) is carried out.

S.13.2 Quality assessment

Global Assessment of the Statistical System of the Republic of Kazakhstan by the United Nations Economic Commission for Europe (2008, 2017).

- The methodology for forming the main indicators of the labor market is comparable with the standards of the International Labor Organization.

- Based on the data from the electronic tables "Main indicators of the labor market in the Republic of Kazakhstan", international questionnaires of the Interstate Statistical Committee, the Commonwealth of Independent States, and the Eurasian Economic Commission are filled out.

S.14 Relevance

S.14.1 Needs

Users of information: Administration of the President of the Republic of Kazakhstan, Office of the Prime Minister of the Republic of Kazakhstan, Mazhilis of the Parliament of the Republic of Kazakhstan, Senate of the Parliament of the Republic of Kazakhstan, government agencies, CIS Statistical Committee, International Labour Organization, individuals and legal entities.

S.14.2 User satisfaction

The user questionnaire is posted on the Bureau's Internet resource http://stat.gov.kz in the section "Home" / "Surveys" / "User Questionnaire".
In addition, in order to maintain constant feedback with users and respondents, the Bureau 1446 Unified Contact Center operates.

S.14.3 Completeness / R1/ Completeness of data - proportion

The completeness of the data is ensured by following the methodological recommendations in accordance with the "Methodology for constructing a sample of households for the employment survey", approved by the order of the Chairman of the Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated June 30, 2016 No. 132, and the instructions for filling out the statistical form of the general state statistical observation "Questionnaire of the sample employment surveys" (index T-001, monthly frequency), approved by the order of the Head of the Bureaunational statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated August 27, 2022 No. 19.

In the event of a shortage of selected households, the addresses of residential premises from the reserve list are replaced. The interviewer questions members of households living at addresses only according to the lists provided in the sample.

The lack of responses from selected households is a serious drawback that distorts the survey results. In these conditions, it is necessary to compensate for the missing data. This procedure is designed to complete the calculation of indicators, to compensate for the missing data of the sample survey. During the survey, there are cases when it is not possible to interview households. There are two types of reasons: objective and subjective.

Objective reasons for refusal:

all household members aged 73 years and older;

the house is destroyed;

left, empty apartment (house);

combining apartments;

house to be demolished;

house (address) not found;

other reason (change in the purpose of the premises).

Subjective reasons for refusal:

household refusal to participate in the survey.

When processing cases of non-provision of data, non-responses for all reasons are compensated. For these processing purposes, the reweighting method is used, which consists of adjusting the sample weights.

S.15 Accuracy and reliability (filled out taking into account the type of observation)

S.15.1 Overall accuracy

The standard sampling error and the standard relative sampling error are used as indicators of the accuracy of statistical estimation.

The standard error of a sample is the standard deviation of the value of a sample parameter from the sample mean of that parameter.

The relative standard error is the ratio of the estimated statistical value to its mean value.

The accuracy of the survey by districts is calculated once a year based on the indicators number of employed, number of unemployed, number of labor force, number not included in the labor force, share of the labor force, unemployment rate.

The standard error of the sample (μ) determines the possible discrepancies between the characteristics of the sample and the general population.

The value of the standard sampling error is determined by the formula:

$$\mu = \sqrt{\frac{\sigma^2}{n}\left(1 - {n}/{N}\right)}$$

Where,

σ^2 – general dispersion;

n – the size of the sample population;

N – size of the general population.

S.15.2 Sampling errors-indicators/A1.

According to the Methodology for constructing a sample of households for the employment survey, approved by the order of the Chairman of the Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated June 30, 2016 No. 132, when determining the size of the sample population for the current year for the employment survey, the calculation of the relative sampling error of the results of the employment survey for the previous year is used.

The relative sampling error is calculated annually and published in the bulletin "Main indicators in the labor market in the Republic of Kazakhstan".

S.15.3 Non-sampling error

Not found

S.15.3.1 Coverage error

In the event of a shortage of selected households, the addresses of residential premises from the reserve list are replaced. The interviewer questions members of households living at addresses only according to the

lists provided in the sample.

The lack of response from selected households is a serious drawback that distorts the survey results. In these circumstances, it becomes necessary to compensate for the missing data.

This procedure is designed to perform additional calculations of indicators, to compensate for the shortfall in sample survey data. During the survey, there are cases when it is not possible to interview households. There are two types of reasons: objective and subjective.

Objective reasons for refusal:

all household members aged 73 years and older;

the house is destroyed;

left, empty apartment (house);

combining apartments;

house to be demolished;

house (address) not found;

other reason (change of purpose of premises)

Subjective reasons for refusal:

household refusal to participate in the survey.

When processing cases of failure to provide data, unanswered responses

All reasons are compensated.

For these processing purposes, the reweighing method is used, which consists of adjusting the sample weights.

S.15.3.1.1 A2. Excess coverage - share

Not applicable

S.15.3.1.2 A3. Common units - ratio

Not applicable

S.15.3.3   Errors no answer

S.15.3.3.1 A4. Unit of absence - share

Missing data occurs when a sample unit does not participate in the survey at all. A simple weight adjustment scheme is used to compensate for cases of total missing data.

In order to obtain data that are generalizable to the general population, statistical weighting of the survey results is performed.

The weighting of the results of a sample survey is carried out by assigning an appropriate weight to each individual unit of observation - a person.

S.15.3.3.2 A5. Non-response point - proportion

Not applicable

S.16 Timeliness and punctuality

S.16.1   Timeliness

S.16.1.1 TP1. Waiting period - first results

The first results of the spreadsheets are published in accordance with the Statistical Work Plan and the Schedule for the Dissemination of Official Statistical Information, approved on an annual basis and are final.

S.16.1.2 TP2.Waiting period - latest results

The first results are final.

Collection date - 01.01.2024

End date: 31.12.2024
Processing date: 20.03.2025.
Distribution date: 31.03.2025.

S.16.2 Punctuality

S.16.2.1   Punctuality /TP3

The data are published in accordance with the Statistical Work Plan and the Schedule for the Dissemination of Official Statistical Information, approved by the order of the Head of the Bureau of National Statistics.

Actual and planned dates coincide, there were no failures to meet publication deadlines for 2025. The publication is postponed to the next working day if the publication falls on a weekend or holiday.

S.17 Comparability

S.17.1 Geographical comparability

Within the territory of the Republic of Kazakhstan.

S.17.1.1   Asymmetry in mirror statistics of flows - coefficient /CC1

No

S.17.2 Length of comparable time series /CC2

The dynamic performance of the main indicators of the labor market is comparable and continuous since 2001.

S.18 Coherence

S.18.1 External consistency, cross-consistency

Statistical tools, including indicators published in the spreadsheet "Main indicators of the labor market in the Republic of Kazakhstan" were developed taking into account the recommendations of international experts. In addition, the indicators were agreed with public/non-governmental organizations.

S.18.2   Internal consistency

Data on the number of employed population by type of economic activity are provided to the Department of National Accounts for the calculation of the "Labour Productivity" indicators.

S.19 Load

Data collection on the main indicators of the labor market is carried out on paper. Information processing processes are automated using local software packages, and input and output information controls are provided.

It has been established through time measurements that it takes approximately 10-15 minutes to conduct a questionnaire survey of one household member.

The average family size ratio according to the household living standards survey is 4 people.

Thus, the average amount of time spent on filling out one Questionnaire is 40-45 minutes.

S.20 Revision of data

S.20.2   Data revision /A6

The statistical toolkit is revised if necessary (need for new or revision of existing indicators, outdated regulatory legal acts). The form was revised in 2022.

S.21.1 Processing statistical data

The data set on the main indicators of the labour market is based on sources of primary statistical information on the statistical form "Questionnaire for a sample survey of employment of the population".

S.21.2 Frequency of examination

Annual

S.21.3 Method (way) of collecting primary statistical data

The population survey on employment issues is carried out by interviewing specially trained interviewers through direct visits to households. The survey is conducted on a voluntary basis. All answers are recorded from the words of the respondents; no supporting documents are required. Answers to the questions posed can be obtained both from the respondents themselves and from adult family members living together, if the latter can give comprehensive answers to all questions.

The survey is conducted using statistical form T-001 "Questionnaire for a sample survey of employment of the population". The questionnaire is a specialized form that is used in each survey and contains a list of questions characterizing the labor participation of each member of the household. The questionnaire is filled out for each individual household (family) included in the sample.

Information is collected on a monthly basis.

S.21.4 Reliability of primary statistical data

Data processing procedures include format-logical control.
Validation includes the following:
checking the adequacy of population coverage;
comparison of statistical processes with previous cycles;
comparison of statistical data with other relevant data.

S.21.5 Imputation - share /A7

Not used

S.21.6 Correction

Not applicable

S.21.6.1 Seasonal adjustment

Not implemented

S.22 Notes

In the future, continue working to ensure data quality.