



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

Quality report

Statistical indicators on measuring decent work 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

Karibayeva Asem Zhumabaevna

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, Astana, Mangilik El Ave. 8, House of Ministries, Entrance 4

S.1.6 Contact person email address

As.Karibaeva@aspire.gov.kz

S.1.7 Contact person's phone number

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S.2 Introduction - relevance

- The purpose of the survey is to obtain up-to-date and objective data on indicators of measuring decent work (availability of work (profitable employment), its stability and security, the level of social support (protection) of employed persons by employers, the degree of coverage of the employed population with vocational training , the presence of unfavorable and dangerous working conditions in the workplace.
- 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

15.10.2025

S.3.2 Last Placement of metadata

15.10.2025

S.3.3 Last Metadata Update

15.10.2025

S.4 Presentation of statistical information

S.4.1 Description of data

Employed population by the actual length of the working week.

Employed people who want to work extra hours.

Employed population that has received professional training and professional development;

Social protection of the employed population;

Occupational safety of the employed population;

Causes of unfavorable and dangerous working conditions of the employed population;

Employed people with preschool-age children.

S.4.2 Classification system

The survey uses the following statistical classifiers:

1. Classifier of administrative-territorial objects (KATO NC RK 11-2009).
2. International classifier of employment status ISO;

- These classifiers are available on the Bureau's website at www.stat.gov.kz in the «Main» / «Classifiers» section.

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) The type of observation is a sample survey.

2) The form index is "T-004".

3) Deadline for submission – according to the Schedule of providing primary statistical data on national and departmental statistical observations by correspondents.

4) The following definitions are used for filling out this statistical form:

1) Household - an economic entity consisting of one or more individuals living together, combining all or part of their income and property, and jointly consuming goods and services. The survey covers 48,120 households. The type of observation is selective. The interviewer surveys employed household members on the T-004 form in the months of the 3rd quarter (July, August, September). The deadline for submission is July 15, August 19, and September 16.

2) Employed person – an individual who carries out activities for payment or by extracting income through the use of property, production and sale of goods, performance of works, provision of services.

5) Data collection tools - Statistical form - "Decent work", index T-004, frequency three times a year. The statistical form is available on the Internet resource of Byuro <http://stat.gov.kz> in the "For respondents" section / Statistical forms / three times a year.

The form was approved by the Head of the National Statistics Bureau of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan No. 19 dated August 27, 2022.

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 Decent Work questionnaire is based on a selective method of observation.

The information base for forming a sample population of households is the GRWF.

There are several advantages to using this database:

- availability of a ready-made sample frame, which excludes one of the significant cost items associated with drawing up the sample base;
- availability of a constantly updated database, which is necessary for the implementation of household rotation;
- availability of information about households in the territorial context.

The number of households in the general population is 5,610,082 households. The sample population is 48,120 households and the reserve is 100%. Households living in all types of residential premises are subject to the survey, with the exception of shared communal apartments, dormitories, medical and social institutions

(organizations) for the elderly, persons with disabilities, children with disabilities in hospital settings, orphanages, prisons, hotels, religious communities and other similar residential premises. In order to reduce the burden on interviewers when collecting information, localities 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)

S.4.8 Time span

Data on measuring decent work in the Republic of Kazakhstan have been compiled since 2005.

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 №257-IV “On State Statistics”.

2. Rules for the submission 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. Rules for the submission of administrative data by administrative sources on a free-of-charge basis, approved by the Order of the Acting Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 14, 2010 No. 183;

4. Statistical Work Plan, approved in accordance with the legislation 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;

5. Official Statistical Information Dissemination Schedule, 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;

6. Rules for the provision of statistical information free of charge that is not included in the official statistical information dissemination schedule, developed on the basis of primary statistical data submitted by respondents in accordance with the schedule for submission of primary statistical data,

approved by the Order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated May 20, 2010 No. 113;

7. Rules for the provision of anonymized databases 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;

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 № 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 № 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 № 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 №168 (registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 № 6388).

S.9 Publication policy

S.9.1 Publication calendar

According to paragraphs 1 and 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257, the state statistics bodies ensure equal rights for users to simultaneous access to high-quality official statistical information, including in machine-readable formats and statistical methodology, by publishing it on the official website of the state statistics bodies. All statistical information provided in the Statistical Work Plan and the Official Statistical Information Dissemination Schedule is freely available on the Bureau's website www.stat.gov.kz.

The Statistical Work Plan and the Official Statistical Information Dissemination Schedule are available on the Unified Platform of Internet

Resources of Government Agencies (UPIR GA) at www.gov.kz in the section “Bureau” / “Main” / “Main Documents.”

S.9.2 Access to the Schedule

The Official Statistical Information Dissemination Schedule is available on the Unified Platform of Internet Resources of Government Agencies (UPIR GA) at www.gov.kz in the section “Bureau” / “Main” / “Main Documents.”

S.9.3 User access

According to paragraphs 1 and 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257, the state statistics bodies ensure equal rights for users to simultaneous access to high-quality official statistical information, including in machine-readable formats and statistical methodology, by publishing it on the official website of the state statistics bodies. All statistical information provided in the Statistical Work Plan and the Official Statistical Information Dissemination Schedule is freely available on the Bureau's website www.stat.gov.kz.

The Statistical Work Plan and the Official Statistical Information Dissemination Schedule are available on the Unified Platform of Internet 10 Resources of Government Agencies (UPIR GA) at www.gov.kz in the section "Bureau" / "Main" / "Main Documents."

S.10 Frequency of distribution

Annual

S.11 Distribution format, accessibility and clarity

S.11.1 News publications

The release "Labor Market Situation" is published every year 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 / Statistical indicators for measuring decent work in the Republic of Kazakhstan;

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

Provision of anonymized databases is regulated by the "Rules for the Provision of Anonymized Databases 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. Information on the application conditions for obtaining anonymized databases is available on the Bureau's website www.stat.gov.kz under the section "Main" / "For Researchers."

The application is prepared and submitted via the "Personal Account" / "User Account" on the Bureau's website www.stat.gov.kz, verified by an electronic digital signature, with the necessary documents attached.

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 № 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 № 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 generating decent work indicators is comparable to the standards of the International Labor Organization.
- International questionnaires of the Interstate Statistical Committee, the Commonwealth of Independent States, and the Eurasian Economic Commission are filled out on the basis of the electronic tables "Statistical indicators for measuring decent work in the Republic of Kazakhstan".

S.14 Relevance

S.14.1 Needs

Information users: Ministry of Labor and Social Protection of the Population of the Republic of Kazakhstan, legal entities, international organizations.

S.14.2 User satisfaction

A user survey of official statistical information is conducted annually. The user questionnaire is available on the Bureau's website www.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 №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 Bureau national statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated August 27, 2022 №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 standard relative sampling error are used as indicators of the accuracy of statistical estimation.

The standard sampling error 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 quantity to its average value.

The accuracy of the survey by district is calculated once a year based on the number of employees indicator.

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

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

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

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 № 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.15.3.1.2A3. Common units - ratio

Not applicable

S.15.3.3 Errors no answer

S.15.3.3.1A4. 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.15.3.3.2A5. Non-response point - proportion

Not applicable

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1TP1. 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 - 01.07.2024

End date: 31.09.2024

Processing date: 5.02.2025.

Distribution date: 17.02.2025.

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 indicator of decent work is comparable and continuous since 2005.

S.18 Coherence

S.18.1 External consistency, cross-consistency

Statistical tools, including indicators published in the spreadsheet "Statistical indicators for measuring decent work in the Republic of Kazakhstan" were developed taking into account the recommendations of international experts

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 Decent Work form 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 that the questionnaire survey takes about 6-7 minutes per household.

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

S.21.2 The data set on decent work indicators is based on the source of primary statistical information on the statistical form "Dignified Work".

S.21.3 Frequency of examination

Three times a year.

S.21.4 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 on the statistical form T-004 "Decent work". The questionnaire is a specialized form that is used for each survey and contains a list of questions that characterize 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 three times a year.

S.21.5 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.21.6 Imputation - share /A7

Not used

S.21.7 Correction

Not applicable

S.21.6.1 Seasonal adjustment

Not implemented

S.22 Notes

In the future, continue working to ensure data quality.