Quality report

Quality of life of the population 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 subdivision

Office of Labor Statistics and Living Standards

S.1.3 Name of the contact person

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

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S.1.5 Postal address of the contact person

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S.2 Introduction-Relevance

The concept of the quality of life reflects the conditions of human existence, as well as the level of development and the degree of satisfaction of a complex of highly developed needs and interests of people. The quality of life includes objective and subjective components, the significance of the latter has significantly increased recently. Subjective well-being of an individual includes the following main indicators such as: the level of satisfaction with the life of the population, living conditions, health, financial situation, quality of housing in which they live, quality of drinking water, availability of free time and other vital resources.

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

The quality report is based on a survey of the quality of life of the population, carried out once a year.

The survey on quality of life includes households living in all types of dwellings, with the exception of those living in shared communal apartments, dormitories, nursing homes for the elderly and disabled, orphanages, prisons, hotels, religious communities and other similar dwellings. This survey examines the level of satisfaction with the respondents' life, living conditions, health, financial situation, quality of housing in which they live, quality of drinking water, availability of free time, including satisfaction with government services in health care, education and other aspects of living standards.

S.4.2 Classification system

The Household Quality of Life Survey does not use any generally accepted classifications, but uses certain reference books approved by the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

S.4.3 Sectoral coverage

According to the purpose of the survey, the satisfaction of respondents with the following aspects of the quality of life is studied:

1.life in general
2.living conditions
3.health condition
4.financial position
5.professional skills
6. quality of housing
7. health services
8.educational services
9.other government services

At the same time, this survey covers questions regarding some objective factors affecting the quality of life of the population:

1.material security
2.changing welfare
3.food security
4.deprivation (deprivation) of households

S.4.4 Statistical concepts and definitions

The quality of life of the population is studied by conducting a household survey. This survey examines the level of satisfaction with the respondents' life, living conditions, health, financial situation, quality of housing in which they live, quality of drinking water, availability of free time, including satisfaction with government services in health care, education and other aspects of living standards.

Household - an economic entity consisting of one or more individuals living together, pooling all or part of their income and property and jointly consuming goods and services;

The respondent to the quality of life survey is one household member aged 15 and over;

The last time a household survey on quality of life was carried out in March 2019 was once (once a year).

S.4.5 Statistical object

The object of study is the household

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

The general population includes households living in all types of dwellings, 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 dwellings. The final sampling unit is defined as the household, which is also the survey unit.

S.4.7 Territorial coverage

The sample survey covers the entire territory of the Republic of Kazakhstan (14 regions and cities of republican significance, the capital).

S.4.8 Time coverage

A sample survey of households on the quality of life of the population has been carried out once a year since 2015.

S.4.9 Base period

Unacceptably

S.5 Unit of measurement

Percent

S.6 Reporting period

once a 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 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 gratuitous basis, approved by the Acting order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 14, 2010 No. 183.

4. 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.

5. 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.

6. 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 submitting 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.

7. Rules for the presentation and use for scientific purposes of databases in a de-identified form, approved by 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.

8. The interviewing methodology for a sample survey of households to assess the standard of living, 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 November 17, 2015 No. 179 (registered in the Register of State Registration of Regulatory Legal Acts for No. 12412 dated December 14, 2015);

9. Methodology for constructing a sample of households for the survey of living standards, 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 December 14, 2015 No. 202;

10. The methodology for organizing a household survey to assess the standard of living, 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 December 15, 2015 No. 208 (registered in the Register of State Registration of Regulatory Legal Acts for No. 12871 dated January 15, 2016). The entire methodology 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 Living standards of the population. The statistical tools have been agreed with all structural divisions 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 the submitted data by respondents is ensured.

2. Article 28 of the Entrepreneurial Code of the Republic of Kazakhstan No. 183 dated October 29, 2015 ensures the protection of information constituting a commercial secret.

3. Information security policy (hereinafter referred to as 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

Rules for the presentation and use of databases for scientific purposes in a de-identified form, approved by 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

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 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" // "Basic documents".

S.9.2 Access to the Graph

The schedule for the dissemination of official statistical information 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" // "Basic documents".

S.9.3 User access

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 Home - Official statistics - By industry - Living standards statistics - Bulletins

S.10 Propagation frequency

once a year

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

Press release: Quality of life of the population in the Republic of Kazakhstan (once a year)

S.11.2 Publications

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 - Official statistics - By industry - Living standards statistics. The annual statistical bulletin "Quality of life of the population in the Republic of Kazakhstan" is placed in electronic form

S.11.3 Databases in on-line mode

Statistical data on the quality of life are not uploaded to the Taldau Information and Analytical System

S.11.3.1 AC1. Data tables-consultation

Not implemented

S.11.4 Microdata access

Rules for the presentation and use of databases for scientific purposes in a de-identified form, approved by 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.11.5 Other

Articles are periodically published in the quarterly scientific and information journal "Economics and Statistics".

S.11.5.1 AC2. Metadata consultation

Not implemented

S.12 Availability of Documentation

S. 12.1 Methodology Documentation
1) Rules for the presentation and use for scientific purposes of databases in a de-identified form, approved by 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.
2) The interviewing methodology for a sample survey of households to assess the standard of living, approved by order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated November 17, 2015 No. 179 (registered in the Register of State Registration of Regulatory Legal Acts for No. 12412 dated December 14, 2015);
3) Methodology for constructing a sample of households for the survey of living standards, 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 December 14, 2015 No. 202;
4) Methodology for organizing a household survey to assess living standards, approved by order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated December 15, 2015 No. 208 (registered in the Register of State Registration of Regulatory Legal Acts for No. 12871 dated January 15, 2016).
T. 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. Quality objectives Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, Quality objectives of the Office of Labor Statistics and Living Standards.

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 living standards statistics is supported by generally accepted procedures:
- compliance with the basic principles of primary accounting;
- use of standard statistical classifications;
- 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;
- rotation of the sample;
- in order to improve the quality of data, check the correctness of filling out the statistical form and minimize the lack of answers on some questions of the statistical form, plausibility checks are defined at the level of inputting primary data in electronic format, various format and logical controls are also included in the software for processing primary statistical information.

S.13.2 Quality control

Within the framework of KAZSTAT, the statistical form "Quality of life of the population" D002 was updated taking into account the opinions of international experts. At the same time, in order to study multidimensional poverty in Kazakhstan, this statistical form has been revised taking into account the issues of the European Union Statistics on Income and Living Conditions (EU-SILC).

S.14 Relevance

S.14.1 Needs

Information users: government agencies, Interstate Statistical Committee of the Commonwealth of Independent States, Eurasian Economic Commission, UN

S.14.2 User satisfaction

The Committee annually conducts a survey of users of official statistical information according to the questionnaire Q-002 "User survey"

S.14.3 Completeness / R1. Data completeness-share

Unacceptably

S.15 Accuracy and reliability (to be completed according to the type of observation) S.15.1 Overall accuracy

The methodology for constructing a sample of households for a standard of living survey was developed on the basis of the recommendations of the World Bank experts as part of the implementation of the Joint Economic Research Project for 2010 "Development of a new sample for a household survey to assess the standard of living". The specified Methodology corresponds to the methods of sampling accepted in the world practice and ensures the receipt of high-quality statistical data.

S.15.2 Sample errors - indicators / A1.

Analyzes for variance and standard deviation are not performed because the estimated changes are categorical or discrete.

S.15.3 Non-sampling error

Analysis of non-sampling errors is not performed S.15.3.1 Coverage error

In the course of the survey, there are cases when it is not possible to interview households due to the fact that the dwelling has not been found, or not occupied, or the household refuses to participate in the survey. Refusal to participate is undesirable because it reduces the sample size and mainly because it is a source of potential sample bias and leads to distorted statistical results. An effective preventative measure for overcoming data failure is to carefully document each case. If there is a difficulty in observing the principle of "non-replacement", a list of reserve households is provided in the amount of 1/3 of the number of households in each cluster (10 households per interviewer). In total, 40 dwellings are selected in each cluster: 30 in the nominal sample and 10 replacement dwellings. At the same time, it should be noted that to compensate for cases of complete non-receipt of data, a simple weights adjustment scheme is used by setting large weights for all responding households in a given locality. The lack of data due to refusals to participate in the survey is about 5%.

S.15.3.1.1 A2.Excess coverage-share

Unacceptably

S.15.3.1.2 A3. Common units-ratio

Unacceptably
S.15.3.3 No response errors

S.15.3.3.1 A4.Absence unit-share
Unacceptably
S.15.3.3.2 A5. No response-share clause
Unacceptably
S.16 Timeliness and punctuality
S.16.1 Timeliness
S.16.1.1 TP1 Waiting period - first results

The results in the bulletin are published 100 days after the deadline for submitting the primary statistical information by the respondents and are final. The release date was 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 Plan of statistical work, approved in the manner prescribed by the legislation of the Republic of Kazakhstan by the Order of the Minister of National Economy of the Republic of Kazakhstan and the Schedule for the dissemination of official statistical information, approved by the Order of the Minister of the Ministry of National Economy of the Republic of Kazakhstan. Actual and planned dates coincide, there was no disruption to the publication dates for 2019. Release of publications is postponed to the next business day if publications fall on weekends or holidays.

S.17 Comparability

S.17.1 Geographic comparability

The data is comparable across regions.

S.17.1.1 Asymmetry in mirrored flow statistics-coefficient / CC1 S.17.2 Length of comparable time series / CC2

Due to the periodic revision and updating of the statistical form, taking into account modern realities and changing conditions, according to some data, the time series may not be comparable.

S.18 Consistency
S.18.1 Consistency, external, cross

The methodology for constructing a sample of households for a standard of living survey was developed on the basis of the recommendations of the World Bank experts as part of the implementation of the Joint Economic Research Project for 2010 "Development of a new sample for a household survey to assess the standard of living". The specified Methodology corresponds to the methods of sampling accepted in the world practice and ensures the receipt of high-quality statistical data.

S.18.2 Internal consistency

The interviewing technique for a sample survey of households to assess the standard of living was approved by order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan No. 179 dated November 17, 2015 (registered in the Register of State Registration of Regulatory Legal Acts under No. 12412 dated 12/14/2015);

The methodology for constructing a sample of households for the survey of living standards, 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 December 14, 2015 No. 202;

The methodology for organizing a survey of households to assess the standard of living, 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 December 15, 2015 No. 208 (registered in the Register of State Registration of Regulatory Legal Acts No. 12871 dated 01/15/2016).

S.19 Load

Statistical forms D 008 "Control card of the composition of households", D 002 "Quality of life of the population" reflects information on the level of satisfaction with the life of the respondents, living conditions, health, financial situation, quality of housing in which they live, quality of drinking water, availability of free time , including satisfaction with government services in health care, education and other aspects of living standards. Data collection is carried out on paper. In 2019, one member of 11,931 households aged 15 and over were respondents to the survey. Information processing processes are automated using local software systems, control of input and output information is provided. Duplication with other examinations is excluded. No administrative data is used.

S.20 Revision of data
S.20.2 Revision of data / A6

The grounds for revising the statistical form are the recommendations of international organizations and the proposals of state bodies at the level of revising statistical tools and data processing. The statistical form was last revised in 2018, taking into account the EU-SILC questionnaires.

S.21 Processing of statistical data

S.21.1 Input data

The collection of statistical information is carried out by filling out the statistical form by the respondent independently. The respondent is a household member aged 15 and over. When filling out the Statistical Form, the respondent is guided by personal feelings (feelings) when answering the proposed questions. The level of satisfaction of the respondent is determined in accordance with the proposed scale from 1 to 10, where from 1 to 3 is dissatisfaction, from 4 to 7 - partial satisfaction and from 8 to 10 - complete satisfaction.

S.21.2 Inspection frequency

once a year

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

The data collection method is carried out by the interviewing method. Data collection is carried out on paper by filling in statistical forms D 008 "Control card of household composition" and D 002 "Quality of life of the population". The collection of primary statistical data is carried out in accordance with the Schedule for conducting national statistical observations by interviewers on a sample survey of households to assess the standard of living, according to the form presented in Appendix 1 to this Methodology. Data registration is performed by polling method.

The main components of the survey are: a main interview, during which the first contact with the household is established, a list of all household members is compiled and basic information is collected about the household as a whole and individual characteristics of each household member, a date for subsequent interviews is set

S.21.4 Reliability of primary statistical data

Data processing procedures include editing, importing and aggregating data. At the first stage of processing, the database is edited and brought into working condition. For this, the following types of control are carried out:

1) control for identifying extreme values (outlays). The area of extreme values of indicators is outside the interval, the boundaries of which are determined by the deviation from the average value of indicators by the value of the standard deviation;

2) the maximum and minimum values of quantitative indicators are analyzed;

3) assessment of the quality of the information received from the respondents. For this purpose, within each section of the questionnaire, a logical control system is built that allows you to eliminate both input errors and registration errors on the part of households: expenses that are atypical for households (purchase of exotic food or expensive food for feeding pets), residential the area should not be more than the total;

4) control based on the logical relationship of information obtained from different statistical forms. With the help of cross-questions, the relationship between the questionnaires is checked, the completeness of filling out forms is controlled.

S.21.5 Imputation - share / A7

Imputation according to statistical forms D002 "Quality of life of the population" and D008 "Control card of the composition of the household" is not produced

S.21.6 Adjustment

Not implemented

S.21.6.1 Seasonal adjustment

Since the collection of data on the statistical form on the quality of life of the population is carried out once a year, no seasonal adjustment is made.

S.22 Notes

In the future, continue to work to ensure data quality