



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

# Quality report

*Key performance indicators of transport in  
the Republic of Kazakhstan for 2018*

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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

Department of Services and Energy Statistics

### S.1.3 Name of contact person

Lapiev Erik Serikovich

#### 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 basis for the formation of transport statistics are statistical reports of transport enterprises, some of which are forms 1-transport "Report on the work of transport", 1-TP (auto, electric) "Report on the work of road and urban electric transport" and 1-TR (internal waters) "Report on the length of navigable inland waterways and rolling stock of inland waterway transport."

The main users are ministries, local executive bodies and other departments, individuals and legal entities.

The Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan holds meetings of working groups (focus groups), with the participation of potential users and respondents, representatives of interested government agencies, as well as NPP "Atameken", which analyze in detail indicators of national statistical forms for their relevance and avoidance of duplication with indicators of departmental statistical forms and forms of administrative data. Feedback from users is carried out through the blog of the Minister of National Economy of the Republic of Kazakhstan on the website of the Ministry of National Economy of the Republic of Kazakhstan ([www.economy.gov.kz](http://www.economy.gov.kz)).

## 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 Description of data

1. Formation of statistics of railway transport: the unit of statistical observation in public railway transport is a railway, a branch of a railway, a station, a railway transport enterprise.

The information base for the formation of data on statistics of railway transport is the data of statistical forms of monthly and annual periodicity.

2. Formation of statistics of inland waterway transport: observation units for inland waterway transport are inland waterway transport enterprises (ports, shipping companies, shipping companies) and enterprises of other sectors of the economy that carry out transportation, freight forwarding and other activities in inland waterway transport on a commercial basis. The information base for the formation of data on statistics of inland waterway transport is the data of statistical forms of monthly and annual frequency. Accounting for the use of ships in operation is carried out according to the following indicators: by the number of ships; by their power; carrying capacity; passenger capacity.

Transport ships include self-propelled and non-self-propelled ships designed for the carriage of goods and passengers.

3. Formation of statistics of maritime transport: the units of observation in maritime transport are the enterprises of maritime transport (ports, shipping companies, shipping companies) and enterprises of other sectors of the economy that carry out transportation, transport-forwarding and other activities in sea transport on a commercial basis.

The account is taken of cargo ships of the merchant fleet, subdivided by the type of cargo transported into dry-cargo and liquid tankers, by the type of engine into self-propelled, non-self-propelled and tugboats.

The information base for the formation of data on statistics of maritime transport is the data of statistical forms of monthly and annual periodicity.

4. Formation of statistics for road and urban electric transport: the units of statistical observation in road and urban electric transport are enterprises operating vehicles, enterprises carrying out transportation by trams, trolleybuses and metro, vehicle owners, individuals (individual entrepreneurs engaged in commercial transportation of goods and passengers).

The information base for the formation of data on statistics of road and urban electric transport are:

- 1) statistical observations of transport companies on a monthly and annual basis;
- 2) administrative data of state bodies on the fleet of vehicles, the length of roads, road accidents;
- 3) assessment of the volume of work of individual entrepreneurs in the field of road transport.

The accounting of traffic volumes is carried out as follows:

- 1) carriage of passengers by buses is calculated as the sum of all passengers transported by buses in urban, suburban, intercity and international traffic, regardless of the applicable tariff, including passengers using the right of free travel or travel documents paid by enterprises (organizations);
- 2) transportation of taxi passengers is determined by multiplying their paid mileage in car-kilometers by the average number of passengers in a passenger taxi and dividing the result by the average distance of passenger transportation. The average distance of transportation of a passenger in a passenger taxi is taken to be equal to the average distance of transportation of a passenger by bus in suburban traffic;
- 3) transportation of passengers by trams, trolleybuses, metro includes the number of passengers with a paid fare and enjoying the right of free travel;
- 4) the passenger turnover of buses is determined as the product of the number of passengers transported by the average trip distance;
- 5) the passenger turnover of a taxi is determined by multiplying the paid mileage of a passenger taxi by the average number of passengers carried;
- 6) the passenger turnover of trams, trolleybuses, metro is determined by multiplying the number of passengers transported by the average distance traveled by a passenger;
- 7) transportation by road freight transport includes the total volumes performed by trucks, pickup trucks and vans on the chassis of cars and caravans. The accounting of transported goods is carried out at the time of arrival. The volume of transported goods is indicated by the actual weight of the transported goods, taking into account the tare weight, the weight of containers for each trip (arrival);

- 8) freight turnover by road transport is determined by multiplying the weight of the transported cargo (including the cargo transported on trailers) for each trip by the driving distance with the subsequent summation of the products for all trips;
- 9) income from passenger transportation by buses in all messages includes the total amount of actual revenue from the sale of all types of travel tickets (both for individual passengers and for enterprises and organizations) and revenue from passenger transportation by registered buses;
- 10) income from passenger transportation by passenger taxis, in addition to revenue received from transportation of passengers by light taxi (taking into account income from pre-ordering a taxi by phone), includes income received by bank transfer from the transportation of mail and periodicals of a communications company;
- 11) income from passenger transportation by trams, trolleybuses, metro includes the total amount of actual proceeds from the sale of all types of travel documents, both to individuals and to enterprises and organizations. In cities where the work of urban passenger transport is organized on the basis of economic relations between the executive authorities and the relevant transport enterprises, the income reflects the proceeds received by the enterprises for the actually performed work on the transportation of passengers at the calculated tariff (per 100 seat-kilometers).

The work of road transport is characterized by the following indicators:

- 1) the total carrying capacity of vehicles is determined by summing the products obtained from multiplying the list number of trucks of each brand by their carrying capacity according to the manufacturer's passport;
- 2) the total passenger capacity of buses is determined by summing the products obtained from multiplying the list number of buses of each brand by their capacity according to the number of seats;
- 3) the utilization rate of the car park is defined as the ratio of the car - the days of the rolling stock being in operation to the car - the days of its stay on the farm:

$$K_{\text{ип}} = A_{\text{Др}} / A_{\text{Дх}},$$

Where:

$K_{\text{ип}}$  - vehicle fleet utilization rate;

$A_{\text{Др}}$  - car-days of the rolling stock being in operation;

АДх - car-days of rolling stock stay on the farm;

4) the utilization factor of the mileage of trucks and buses, passenger taxis is determined by dividing, respectively, the mileage with cargo, with passengers, by the total mileage::

$$К_{\text{ИП}} = \text{Пп/г/ОП},$$

Where:

К<sub>ИП</sub> - the utilization rate of the mileage of trucks and buses, passenger taxis;

Пп/г - mileage with cargo, mileage with passengers;

ОП - total mileage.

5. Formation of pipeline transport statistics: the units of statistical observation are enterprises: owners of main pipelines.

The information base for the formation of data on statistics of pipeline transport is the data of statistical forms of monthly and annual periodicity.

6. Formation of air transport statistics: the units of statistical observation are air transport enterprises that obey and do not obey the schedule (regular and irregular carriers).

The information base for the formation of data on air transport statistics is the data of statistical forms of monthly and annual periodicity.

The volume index according to transport statistics characterizes the change in the quantitative volumes of freight and passenger traffic in the reporting period compared to the baseline and is calculated on the basis of the weighted average growth rate of income from the transportation of goods and passengers.

#### S.4.2 Classification system

During the survey, the following statistical classifiers are used:

- 1) KATO - Classifier of administrative-territorial objects;
- 2) OKED - General classifier of economic activities;
- 3) KFS - Classifier of forms and types of ownership;
- 4) KRP - Classifier of the dimension of legal entities;
- 5) CSE - Classifier of sectors of the economy.

These classifiers are posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz) on the main page in the section "Important" - Classifiers.

#### S.4.3 Sectoral coverage

1. Form 1-transport "Report on the work of transport" is submitted by legal entities and (or) their structural and separate subdivisions with the main type of activity - transport (according to the code of the General classifier of types of economic activities 49-51), as well as legal entities carrying out secondary types of activities for the transportation of passengers and goods on a commercial basis, individual entrepreneurs carrying out the transportation of passengers and goods by river transport, as well as the carriage of passengers by sea and city electric transport.
2. Form 1-TP (auto, electric) "Report on the operation of road and urban electric transport" is submitted by legal entities and (or) their structural units, regardless of the number of employees, with the main activity - "Freight transportation by road and services for transportation "(according to the code of the Nomenclature of Economic Activities (hereinafter - OKED) 49.4), with the main and secondary type of activity" Other passenger land transport "(OKED code 49.3), as well as individual entrepreneurs operating in urban electric transport (OKED codes 49.31 .2 and 49.31.3).
3. Form 1-TR (inland waters) "Report on the length of navigable inland waterways and rolling stock of inland waterway transport" is submitted by legal entities and (or) their structural units, regardless of the number of employees, with the main and (or) secondary type of activity - river passenger transport (according to the code of the General Classifier of Economic Activities (hereinafter - OKED) 50.3) and river freight transport (OKED code 50.4), as well as legal entities providing auxiliary services in the field of water transport (OKED code 52.22) and individual entrepreneurs carrying out transportation of passengers and goods by river transport.

#### S. 4.4 Statistical concepts and definitions

The basis for the formation of indicators of transport activity is the Methodology for the formation of indicators of transport statistics, 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 July 15, 2016 No. 145 (registered with the Ministry of Justice of the Republic of Kazakhstan on August 18 2016 No. 14124).



The circle of respondents: legal entities and (or) their structural and separate divisions with the main type of activity - transport (according to the code of the General Classifier of Economic Activities 49-51), as well as legal entities carrying out secondary activities for the transportation of passengers and cargo on a commercial basis , individual entrepreneurs who transport passengers and goods by river transport, as well as transport passengers by sea and city electric transport.

Tools:

Data collection is carried out according to statistical forms: 1-transport "Report on the operation of transport" (monthly frequency), 1-TP (auto, electric) "Report on the operation of road and urban electric transport" (annual frequency) and 1-TR (inland waters ) "Report on the length of navigable inland waterways and rolling stock of inland waterway transport" (annual frequency).

Observation type: solid.

The deadline for submitting respondents in the form 1-transport "Report on the work of transport" is up to 2 days (inclusive) after the reporting period, in the form 1-TR (auto, electric) "Report on the work of motor and urban electric transport" until January 20 and in the form 1-TP (inland waters) "Report on the length of navigable inland waterways and rolling stock of inland waterways" by 1 March.

Definitions.

When forming statistical data on transport, concepts are used in the meanings defined in the Law, as well as in the Law of the Republic of Kazakhstan dated September 21, 1994 "On Transport in the Republic of Kazakhstan".

#### S.4.5 Statistical object

1. Objects of statistical observation on public railway transport are passenger and cargo transportation, rolling stock, track and track facilities, safety of transported goods, financial results from transportation activities.
2. Objects of statistical observation in inland water transport are the carriage of goods and passengers, the presence of a fleet, river and lake berths, the length of inland waterways, transshipment operations, indicators of the use of river and lake vessels, financial results from transportation and other activities related to the implementation of transport process in inland waterway transport.

3. Objects of statistical observation in maritime transport are the carriage of goods and passengers, the presence of a fleet, sea berths, transshipment operations, indicators of the use of sea vessels, financial results from transportation and other activities related to the implementation of the transport process in maritime transport.
4. Objects of statistical observation in road transport are the carriage of goods and passengers, rolling stock, its use, financial results of transport work.
5. Objects of statistical observation in pipeline transport are the transportation of goods (gas, oil and oil products) and trunk pipelines.
6. Objects of statistical observation in air transport are the transportation of passengers, cargo, mail and baggage, aircraft fleet, regularity of aircraft flights, financial results from transportation activities.

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

Continuous survey.

#### S.4.7 Territorial coverage

Republic of Kazakhstan (all regions, cities of republican significance and the capital).

#### S.4.8 Time coverage

In Kazakhstan, the transport survey has been carried out since 1991 on an annual basis.

#### S.4.9 Base period

The base period is the month and year preceding the survey year.

#### S.5 unit of measurement

Unit

#### 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 order of the Acting 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 Department of National Statistics of the Agency for Strategic Planning and Reforms.
6. Republic of Kazakhstan;
7. Rules for the provision of services based on statistical information not provided for by the schedule for the dissemination of official statistical information and developed on the basis of primary statistical data submitted by respondents in accordance with the schedule for submitting primary statistical data by respondents, approved by order of the Agency of the Republic of Kazakhstan on Statistics dated May 20, 2010 No. 113;
8. Methodology for the formation of transport indicators, approved by the statistics service of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated July 15, 2016 No. 145;
9. Rules for the provision and use in scientific databases in a de-identified form, approved by the Order 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 the submitted data by respondents is ensured;
2. Information security policy (hereinafter - the Policy) approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated October 31, 2016 No. 252 defines the goals, objectives, guidelines and practical techniques in the field of ensuring information security of the Committee. The main goal of the Policy is to ensure the accessibility of official statistical information, confidentiality of information stored and processed on the Committee's computer facilities under the conditions of its integrity and authenticity;
3. Rules for the provision and use for scientific purposes of databases in a de-identified form, approved by the Order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168.

### S.8.2 Privacy - data handling

Rules for the provision and use for scientific purposes of databases in a de-identified form, approved by the Order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168.

### 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](http://www.stat.gov.kz) in the section "Home" // "Important" // "Basic documents".

#### S.9.2 Access to the Graph

In accordance with paragraph 1, paragraph 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](http://www.stat.gov.kz) in the section "Home" // "Important" // "Basic documents".

#### S.9.3 User access

Official statistical information is subject to dissemination in accordance with the schedule for the dissemination of official statistical information in the volumes stipulated by the Statistical Work Plan.

### S.10 Propagation frequency

month

### S.11 Dissemination format, accessibility and clarity S.11.1

#### News publications

Press releases are not generated.

#### S.11.2 Publications

1) Statistical bulletin "Basic indicators of transport performance in the Republic of Kazakhstan", posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz) in the section Official statistics (by industry ) - Transport statistics - Bulletins;

Information in the form 1-TP (auto, electric), the annual frequency is published in the bulletin "Basic indicators of transport in the Republic of Kazakhstan" for January of the current year, in the form 1-TR (inland waters), the frequency is annual in a similar bulletin for April of the current year . Information in the form 1-TP (auto, electric), the annual frequency is published in the bulletin "Basic indicators of transport in the Republic of Kazakhstan" for January of the current year, in the form 1-TR (inland waters), the frequency is annual in a similar bulletin for April of the current year .

2)The statistical collection "Transport in the Republic of Kazakhstan" is posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz) in the section Official statistics (by industry) - Statistical collections. Key indicators and spreadsheets are available on the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan Internet resource under the section Official statistics (by industry) - Transport statistics.

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

Placed in the Taldau Information and Analytical System - in the Transport Statistics section.

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

Not implemented.

#### S.11.4 Microdata access

No access to microdata. The provision of de-identified databases is governed by the Rules for the provision and use of de-identified databases for scientific purposes approved by Order of the Chairman of the Agency of the Republic of Kazakhstan dated July 2, 2010 No. 168 (posted on the website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz)).

#### S.11.5 Other

##### S.11.5.1 AC2. Metadata consultation

Not implemented.

#### S.12 Availability of Documentation

##### S.12.1 Methodology documentation

1)"Methodology for the formation of indicators of transport statistics", 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 July 15, 2016 No. 145. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 18, 2016 No. 14124. Posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz) in the "Methodology" section - Transport and communications statistics;

2) "Methodological Regulation on Statistics 2018" fourth edition, supplemented. Posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz) in the "Methodology" section.

##### 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. Quality Objectives Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, Quality Objectives Office of Sustainable Development Goals Statistics.

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 transport statistics data is supported by generally accepted procedures:

- compliance with the basic principles of primary accounting;
- 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 primary data, the possibility of obtaining additional information from respondents is legally enshrined.

### S.13.2 Quality control

International questionnaires of the Statistical Committee of the CIS, the Eurasian Economic Commission, the UNECE are filled in on a monthly and annual basis.

## S.14 Relevance

### S.14.1 Needs

Government, government agencies, individuals and legal entities, international organizations.

### S.14.2 User Satisfaction

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

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

The completeness of data is ensured by the "Methodology for the formation of indicators of transport statistics" 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 July 15, 2016 No. 145 and instructions for filling out statistical forms of national statistical observation "Report on the work of transport "(code 181101156, index 1-transport, monthly frequency)," Report on the operation of automobile and urban electric transport "(code 181112153, index 1-TP (auto, electric), annual frequency)," Report on the length of shipping inland waterways and rolling stock of inland waterways "(code 181112154, index 1-TP (inland waters), annual frequency).

S.15 Accuracy and reliability (to be filled in according to the type of observation)

S.15.1 Overall accuracy

The National Survey on Transport Statistics is designed in such a way that possible errors can be minimized and controlled. Nevertheless, when conducting a survey, inaccuracies are possible, called random errors in statistics, even if the survey was carried out with the greatest care. Such errors are identified and corrected by the Statistical Departments of the oblasts and the Committee on Statistics in the course of statistical observation.

S.15.2 Sample errors - indicators / A1.

Unacceptably.

S.15.3 Non-sampling error

Unacceptably.

S.15.3.1 Coverage error

S.15.3.1.1 A2. Overcoverage-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 time spent on processing the first results, from the time the respondents provided to the first publication of the bulletin "Key indicators of transport in the Republic of Kazakhstan", averages 10 days.

The results in the bulletins are published according to the Statistical Work Plan approved on an annual basis.

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

The results are final.

#### S.16.2 Punctuality

##### S.16.2.1 Punctuality / TP3

The survey results are published in accordance with the terms specified in the Statistical Work Plan, approved annually by order of the Minister of National Economy and registered with the Ministry of Justice of the Republic of Kazakhstan.

Actual and planned dates coincide, there was no disruption to the publication date. The release of the publication is postponed to the next day if the publication falls on weekends or holidays.

#### S.17 Comparability

##### S.17.1 Geographic comparability

The data is comparable across regions.

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

Unacceptably.

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

There are time series for 1991-2018.

#### S.18 Consistency

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

The methodology for the formation of transport statistics indicators has been developed in accordance with international recommendations (Federal Republic of Germany and the Kingdom of Denmark), obtained within the framework of the KAZSTAT Project (Project on Strengthening the National Statistical System).

##### S.18.2 Internal consistency

The data on the gross output of transport services and the IFO of transport services, formed on the basis of the data of the form 1-transport "Report on the work of transport" on a monthly basis, are submitted to the Department of National Accounts.

#### S.19 Load

Data collection is carried out electronically and on paper at the request of the respondent.

When collecting data online, the respondent is provided with automated arithmetic and logical controls, excluding the possibility of typical input errors. Information processing processes are automated using local software systems, control of input and output information is provided.



The average time spent on filling out the form is 1-2 hours. Duplication with other examinations is excluded.

In 2019, the number of respondents amounted to 7,615 units, in fact, 4726 units were reported.

#### S.20 Revision of data

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

There was no data revision in 2019.

#### S.21 Processing of statistical data

##### S.21.1 Input

Statistical information on transport statistics is formed on the basis of the primary reports of respondents using a continuous method according to the following forms: 1-transport "Report on the operation of transport", 1-TP (auto, electric) "Report on the operation of road and urban electric transport" and 1-TP (internal waters) "Report on the length of navigable inland waterways and rolling stock of inland waterway transport."

To assess the volume of transportation of goods and passengers by road transport, the administrative data of the Ministry of Industry and Infrastructure Development of the Republic of Kazakhstan on technically sound road transport are used.

##### S.21.2 Inspection frequency

year

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

For transport statistics, the provision of statistical forms:

1-transport "Report on the work of transport", 1-TP (auto, electric) "Report on the operation of road and urban electric transport" and 1-TP (inland waters) "Report on the length of navigable inland waterways and rolling stock of inland water transport" carried out on paper or in electronic form.

Filling out statistical forms in electronic form is carried out through the information system "Data collection in on-line mode" posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan ([www.stat.gov.kz](http://www.stat.gov.kz)).

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

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 input of primary data in electronic format, and various format and logical controls are also included in the software for processing primary statistical information.

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

Unacceptably.

##### S.21.6 Correction

Correction of data is carried out directly in the course of statistical observation.

S.21.6.1 Seasonal adjustment

Unacceptably.

S.22 Notes

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