

БЮРО НАЦИОНАЛЬНОЙ СТАТИСТИКИ  
АГЕНТСТВА ПО СТРАТЕГИЧЕСКОМУ  
ПЛАНИРОВАНИЮ И РЕФОРМАМ РЕСПУБЛИКИ  
КАЗАХСТАН

## Readiness to use administrative data for population censuses in the Republic of Kazakhstan

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# Background



Year of last census:	2021
Year of next census:	2031 (not established by law)
National Statistical System in Kazakhstan:	Centralized
Availability of statistical registers:	<ul style="list-style-type: none"><li>➤ Statistical Population Register</li><li>➤ Statistical Register of Housing Stock</li><li>➤ Statistical Business Register</li><li>➤ Agricultural Statistical Register</li></ul>
Regulatory framework:	The Law of the Republic of Kazakhstan “On State Statistics”



## Concept for the development of state statistics and the national data ecosystem

- ✓ Institutional and organizational measures
- ✓ **Active usage of administrative and alternative sources**
- ✓ Strengthening analytical capacity and extending data access



## Law of the Republic of Kazakhstan “On State Statistics”

- ✓ Administrative sources are required to provide administrative data to the BNS **free of charge** in the manner and within the timeframes established by the authorized body. Used for statistical purposes only.
- ✓ When operating the information technology infrastructure of e-Government, the **National Reference Information (NRI)** is used. The NRI elements are developed and approved by the state body in coordination with the BNS.
- ✓ Primary statistical data are **confidential** and are used solely for the purpose of producing statistical information.

## Cooperation arrangements



### **The Council of Statistics Producers**

*is an advisory body for developing proposals and recommendations to ensure the quality of official statistical information, administrative data, and to improve state statistics.*

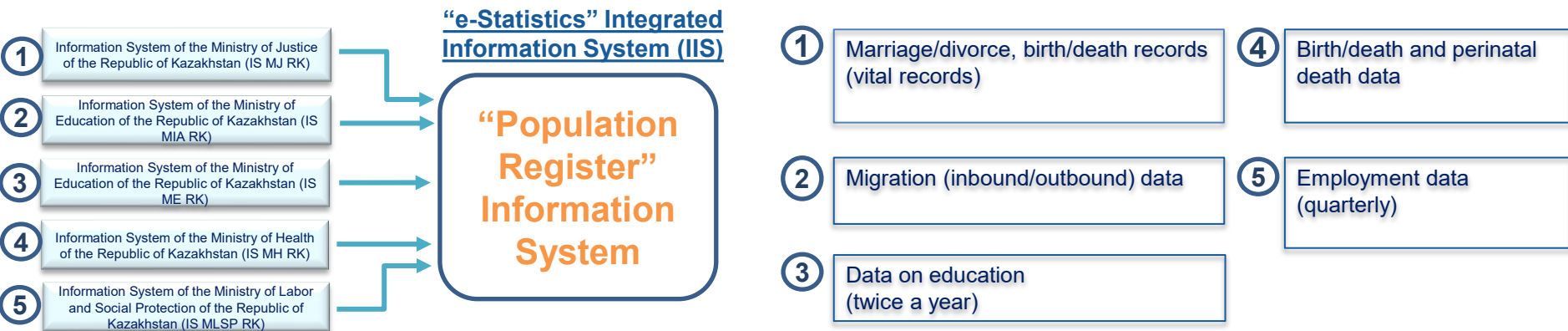
## Cooperation modalities



*An Agreement on Sharing Administrative Data, including those contained in the information systems of government agencies, has been signed between the Bureau of National Statistics and government agencies.*

- ✓ The Bureau of National Statistics ensures leadership and cross-sectoral coordination of government statistics and **sets quality requirements to administrative data** within the limits of its competence.
- ✓ The BNS has defined the Rules for evaluating the quality of administrative data; the Rules stipulate that quality evaluation of administrative data results in issuing a **Quality Report**.

# Availability of administrative data sources / “Statistical Population Register” Information System



**The Population Register Information System consists of 3 blocks**

Person

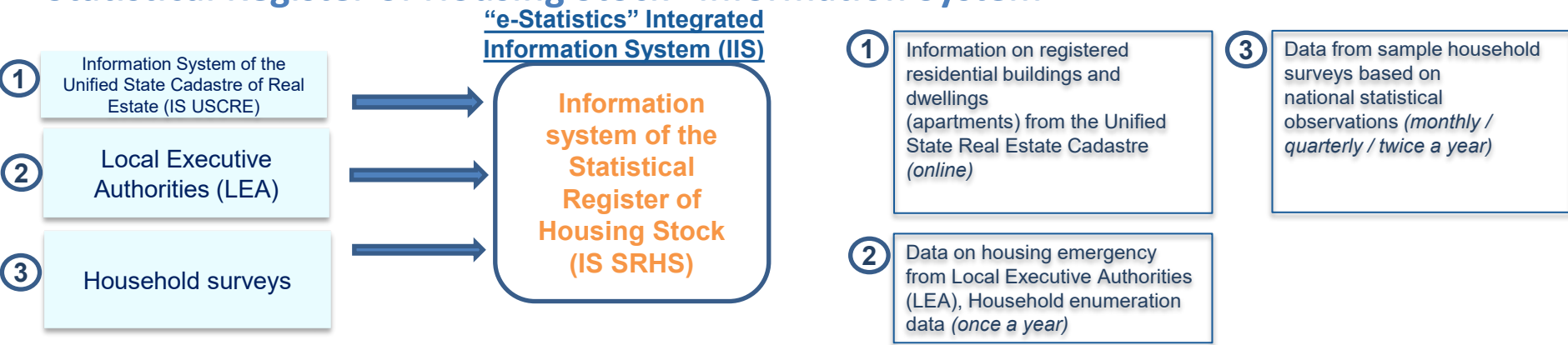
Family

Household

- ✓ Information about an individual  
*(address data, education data, employment data, etc.)*
- ✓ Data on family composition
- ✓ Data on households

# Availability of administrative data sources /

## "Statistical Register of Housing Stock" Information System



### IS SRHS consists of 2 blocks

Catalog of houses

Catalogue of apartments



- ✓ House data (number of floors, year of construction, wall material, etc.).
- ✓ Data on residential premises in the building contain information about each apartment in the residential building

<b>Key application areas</b>	Conducting household sample surveys and using survey results in statistical developments
<b>Publications</b>	On the Housing Stock of the Republic of Kazakhstan (annual)

## Unified Identification System

### Personal Identification Number (PIN)

- ✓ for citizens of the Republic of Kazakhstan, when the following are issued for the first time: a birth certificate, a passport of a citizen of the Republic of Kazakhstan, an identity card of a citizen of the Republic of Kazakhstan;
- ✓ for foreigners and stateless persons, when the following are issued for the first time: registration certificate, residence permit in the Republic of Kazakhstan, certificate of a stateless person;
- ✓ for ethnic Kazakhs when the status of kandas is assigned to them

### Business Identification Number (BIN)

- ✓ for individual entrepreneurs;
- ✓ for resident legal entities, their branches and representative offices; it is issued at the moment of their state registration;
- ✓ for non-resident legal entities operating in the Republic of Kazakhstan through branches and representative offices (if they have a permanent establishment), it is issued at the moment of their state registration;
- ✓ when registering non-resident legal entities in the state revenue authority as taxpayers.

## Human and IT resources

A plan has been developed for training employees in the main areas of statistics, including working with databases and developing IT skills.

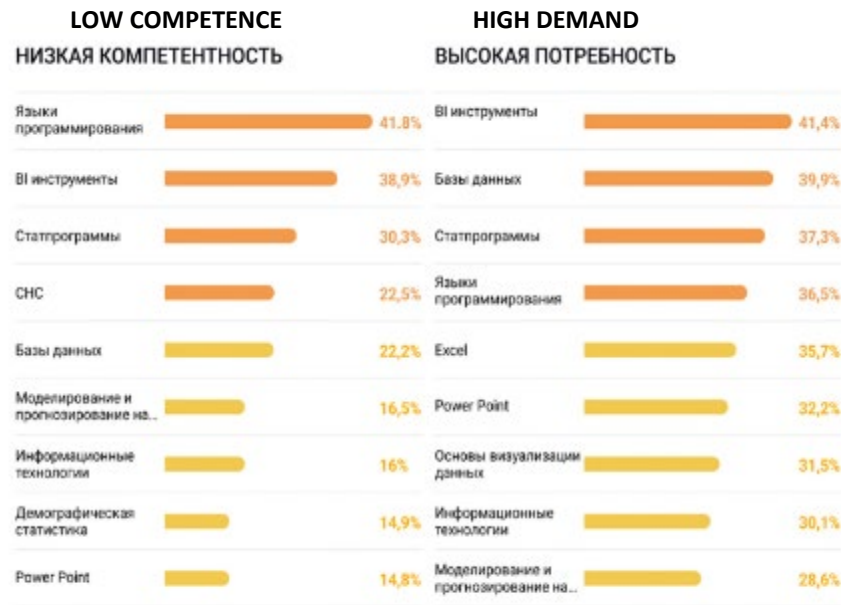


Рисунок 3. Результаты gap-analysis работников БНС

# Methodological matters and quality assessment

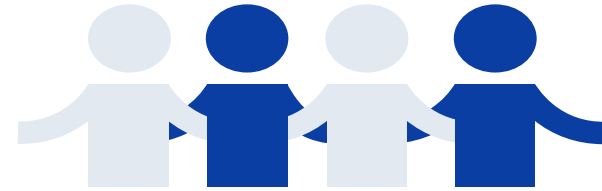


Since 2024, the Bureau of National Statistics (BNS) is endowed with **competencies in determining the quality of administrative data**

Over **300** government information systems collect and store administrative data

**A staff of data controllers has been created**

**A data controller** is an educated and experienced professional in the relevant field and/or industry, who has access to the relevant databases provided by administrative sources for the purposes of state statistics, and who evaluates quality of administrative data.



## The Procedure for evaluating the quality of administrative data used for producing statistical information and updating statistical registers has been defined

### 1. Definition of criticality

When comparing databases, the data controller determines the criticality of the data discrepancy and indicates a degree of data discrepancy in the Quality Report

### 2. Methodological Council

Submission of the Quality Report for review and approval by the Methodological Council

### 3. Expert statement

In cases where violations are detected, the data controller forwards his/her expert statement to the structural unit of the BNS responsible for evaluating administrative data quality, based on which, if significant violations are detected, state control is exercised over administrative data sources



Thank you for your attention!