Training Workshop on Transition to Register-based Approaches for Population and Housing Censuses

Ankara, Türkiye

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Kazakhstan/Bekberdiyev Yelnur

Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan

About Kazakhstan

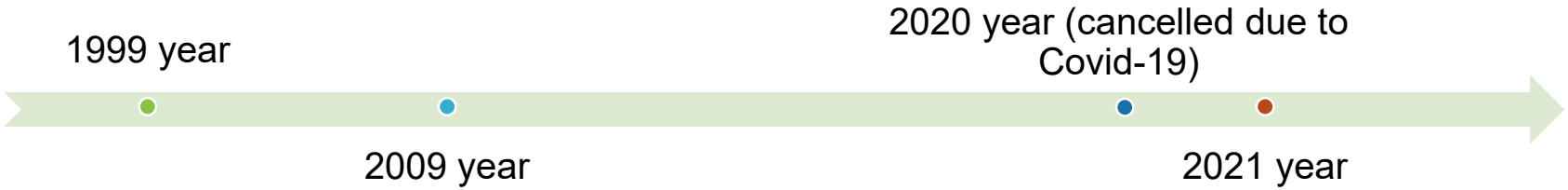
- Population size as of May 1 , 2023 - 19,810,445;

- Kazakhstan is extremely ethnically diverse. Kazakhstan is home to a whopping 120 ethnic groups and nationalities.

The first artificial satellite (Sputnik 1) and the first man (Yuri Gagarin) were sent into space from Baikonur cosmodrome located in Kazakhstan;

Brief introduction to census in your country

- Dates of the first, previous and next censuses



The census is **subject to:**

- all citizens of the Republic of Kazakhstan;
- foreign citizens and stateless persons permanently residing in the country;
- foreign citizens temporarily staying in the republic.

Census instruments

How can I rewrite

1. On the website sanaq.gov.kz
2. On the e-government portal egov.kz
3. In the AITU mobile application
4. Wait for the interviewer to arrive
8. Visit the instructor's site

It will be enough for those enumerated by methods No. 1, No. 2, No. 3 to show the number of the notification of the census

Over 22,000 interviewers will visit ALL residences in the country

Данные на
1 сентября 2021 года

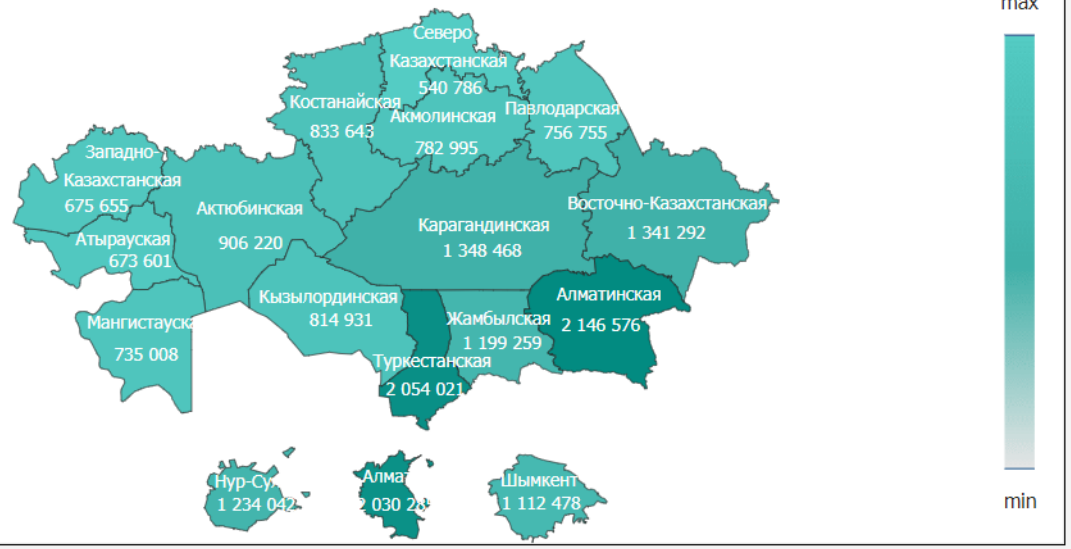
Регион: Все

Тип местности: Все

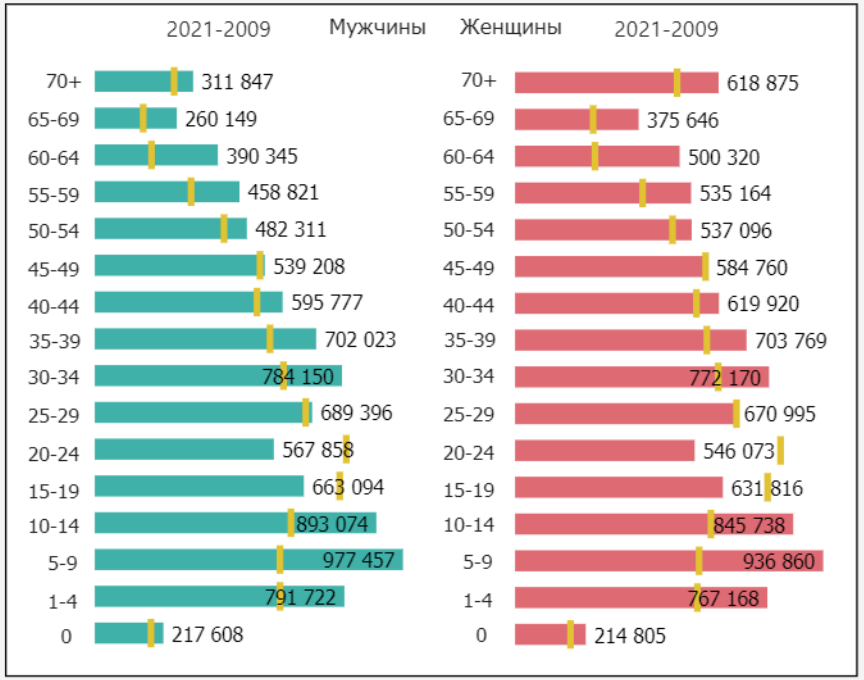
19 186 015	9 324 840	9 861 175

Сравнение по общей численности 2009 и 2021

Казахстан

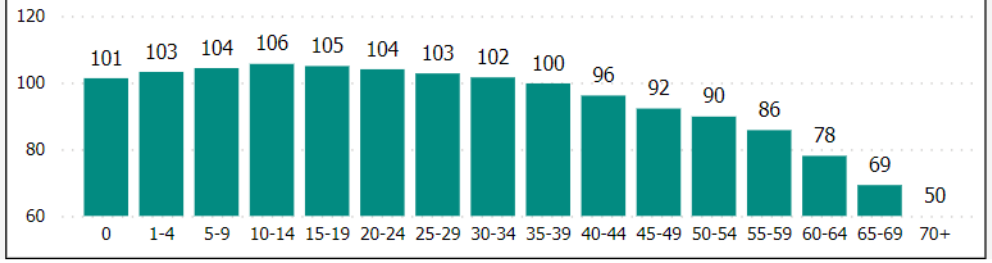


Сравнение по возрастам 2009-2021

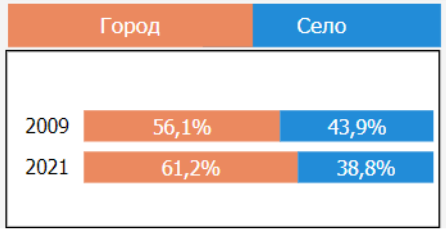


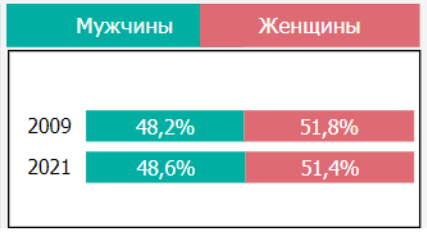
Соотношение по возрасту

Соотношение мужчин на 100 женщин

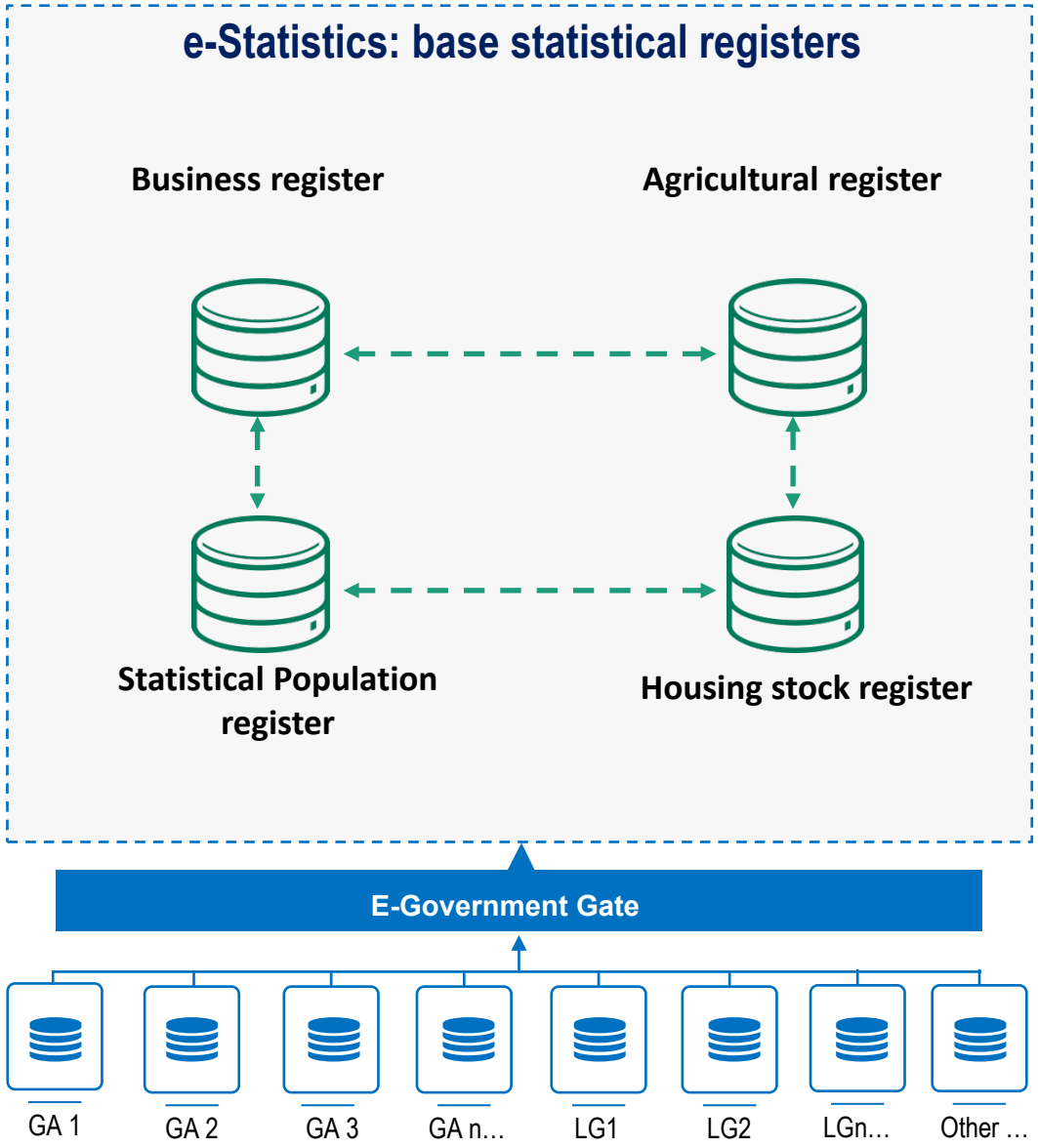


29,4%	0-14 лет
62,4%	15-64 лет
8,2%	65 лет и старше



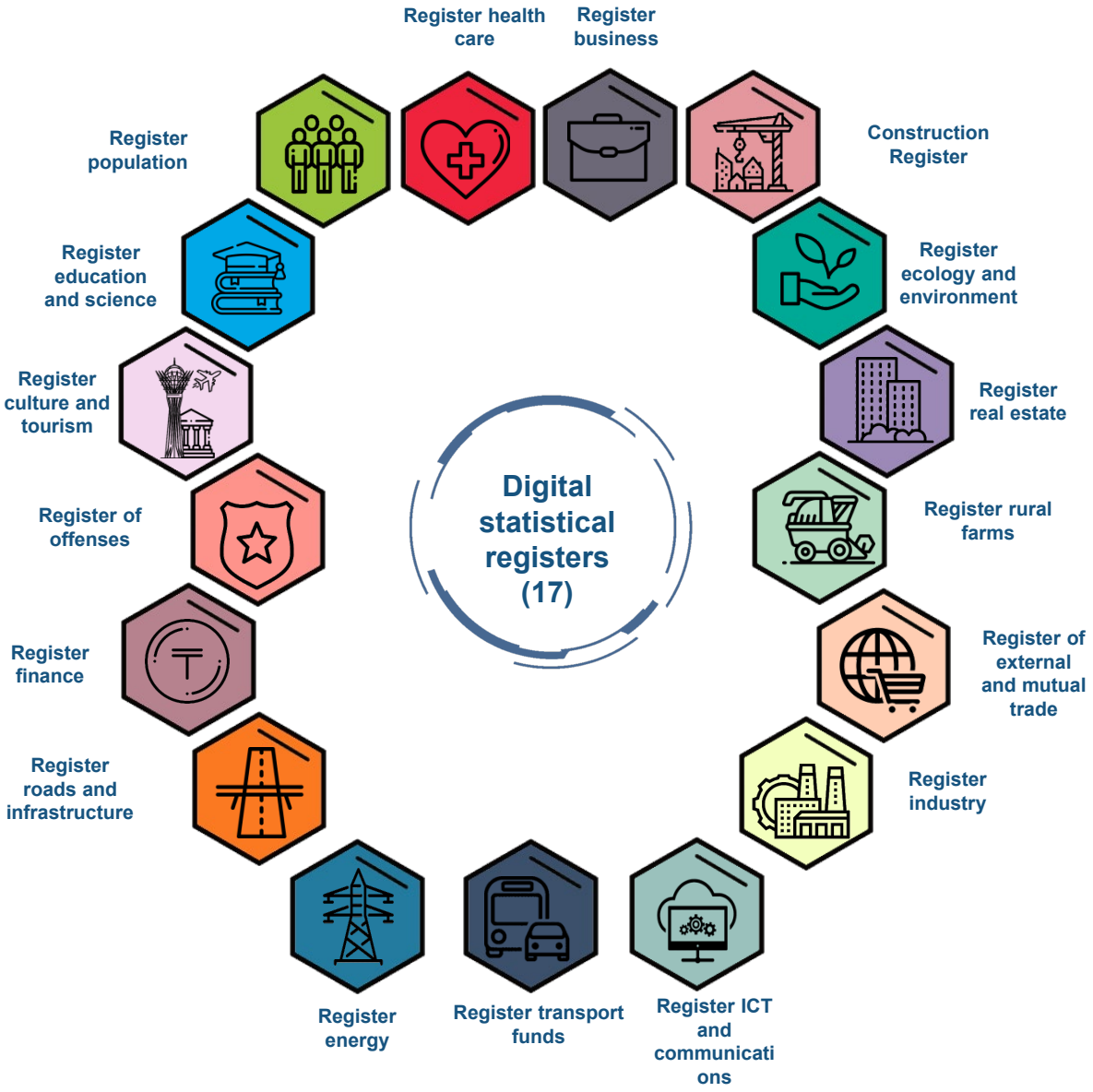


Current statistical registers of the Bureau of National Statistics ASPR RK



Business register	Legal entities Individual entrepreneurs	Formation of catalogs intended for a specific Statistical observation
Agricultural register	All producers of agricultural products, including households and dacha cooperatives	Agricultural production survey
Housing stock register	All residential buildings (apartments) and households living in them	Household surveys and compilation of housing stock statistics
Statistical Population Register	Individuals Families Households	Formation of information on migration, birth /death , marriage /divorce

Digital statistical registers



Health register
- Patient
- Medical institutions
- Screening
- Inpatients
- Hospitalization
- Vaccination
- Medical staff
-Medical equipment
- Medicines
- Ambulance

Register of Agriculture
- Subjects
- Earth
- Crop production
- Livestock
- Products
- Material and technical base

Register of Ecology and Environment
- Costs for environmental protection
- Air protection
- Register of pollution sites
- Ozone depleting substances
- Water and water use
- Water objects
- Fishery reservoirs
- Provision of water supply and sanitation services

Register roads and infrasructure
- Highways
- Railway tracks
- Infrastructure

Register of education and science
- Preschool education and training
- General secondary education
-Technical and professional, post-secondary education
- Higher and postgraduate education
- Additional education
- Bolashak
- The Science
- Innovation

Register population
- A person
- Family
- Households
- Demographics
- Migration
- Employment

Register transport funds
- Vehicles
- Register of machines, road construction machinery, agricultural machinery
- Register of railway transport
- Register of maritime and coastal transport
- Register of Air Transport

Register business
- Legal entities
- Individual entrepreneurs
- Branches of foreign legal entities
-Small and medium business
- Number of employees
- Economic inidcators

Data generation based on Digital Statistical Registers

Digital Statistical Registers

- Population Register
- Health Register
- Education and Science Register
- Real Estate Register
- Agricultural Register
- Business Register
- Construction Register
- Offenses Register
- Culture and Tourism Register
- Ecology and Environment Register
- Finance Register
- Vehicles Register
- Industry Register
- Roads and Infrastructure Register
- Energy Register
- ICT and Communications Register
- Foreign and Mutual Trade Register

Subject(Person)

Life cycle

- Child
- Schoolboy
- Student
- Employee
- Pensioner

Main attributes of the subject

1. UIN
2. Full name
3. Date of birth
4. Gender
5. Country of birth
6. Citizenship
7. Country of Citizenship
8. ……

1. Height
2. Weight
3. Medical institution
4. Organization of preschool education
5. ……

1. Organizations of secondary education
2. Study period
3. Language of instruction
4. Academic performance
5. ……..

1. Name of the university
2. Study period
3. Teaching language
4. Specialties
5. Academic performance
6. Scientific degree
7 ……

1. Employment
2. Qualification
3. Position
4. Length of service
5. ……

1. Pension contributions
2. Work experience
3. The amount of the pension
4. ……

Digital service "National reference information"

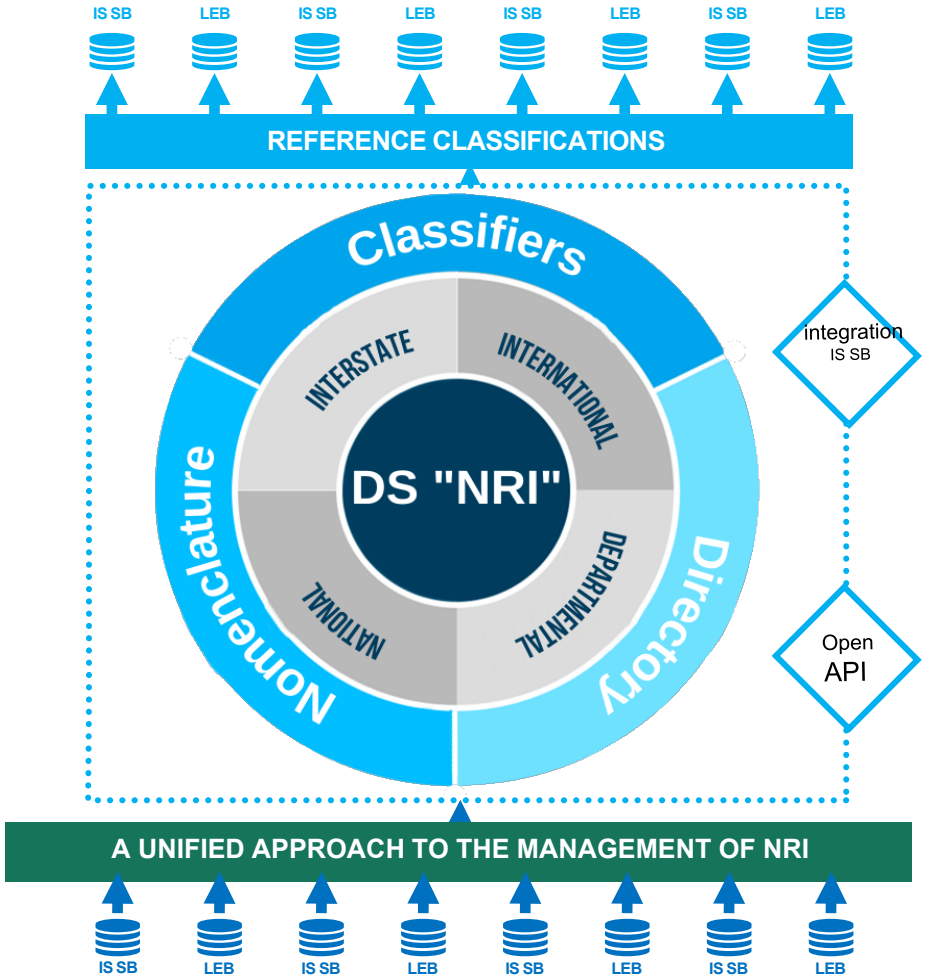
DS NRI is a unified system for creating, structuring and managing national reference information of all civil defense and local government organizations

DS NRI will solve the following tasks:

- ✓ creation of reference NSI;
- ✓ providing a single source of reference data for IS State Bodies and LEB;
- ✓ comparability of data from civil defense and international educational institutions, through the use of unified reference data with taking into account hierarchical and temporal changes ;
- ✓ creation of a system for reliable, long-term storage of reference materials;
- ✓ harmonization of reference data by using correspondence tables (transition keys).

Main Functions:

- maintaining classifications;
- centralized storage of classifications;
- harmonization and approval of classifications;
- uploading classifications in various formats (JSON, CSV, XML, Excel, etc.);
- integration with other information systems of civil defense, local government;
- distribution of classifications through the service API;
- automatic data backup;
- logging user actions.



Thank you