



Modernization of the State Statistical Committee of the Republic of Azerbaijan through digitalization

The 14th Session of the OIC Statistical Commission
1-3 October, Ankara, Türkiye

Modernization of the State Statistical Committee of the Republic of Azerbaijan through digitalization

- Digitalization of services provided by the State Statistical Committee
- Digitalization of the data dissemination process
- Expanding the use of administrative data
- Use of Big data in official statistics
- Use of satellite data in official statistics
- Digitalization of the agricultural census



Digitalization of services provided by the State Statistical Committee

- Submission of official statistical questionnaire
- Presentation of release calendar of statistical data and distribution calendar of published data
- Submission of statistical data (indicators)
- Online selling of statistical publications (books)
- Payment of administrative fines for violation of the rules for provision of statistical data via the internet
- Issuance of an electronic reference to the business entity on the category to which it belongs according to its size



Digitalization of the data dissemination process

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- ASIS
- Electronic map
- National Information Portal on Sustainable Development Goals



ASIS-Azerbaijan Statistical Information Service

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ASIS Azerbaijan Statistical
Information Service

Please enter a search keywords.



Login

AZ

EN

Passenger transportation

105,1 %

(January-August, 2025)



Recent Statistics



- Economic opportunities and policy responses
- Socio-economic context
- Environmental and resource productivity
- Environmental dimension of quality of life
- Natural asset base
- State budget expenditures, in million manat (...)
- Average monthly nominal wages and salaries...
- Output production by economic regions of the...

Popular Statistics



- Number of population (to the beginning of year)
- Use of GDP (current prices, million manat)
- Average monthly nominal wages and salaries...
- Labour force
- Population by age group (to the beginning of ...)
- Main social-economic indicators of the labour ...
- Consumer price index (compared to the previ...
- Growth rate of GDP relatively to previous yea...



Database



My
ASIS



Population pyramid
by gender and age



Recent Statistics



Question and Answer



ASIS
survey

Demography and Social Statistics



Demographic indicators



Labour

Economic Statistics



National accounts



Agriculture

Others



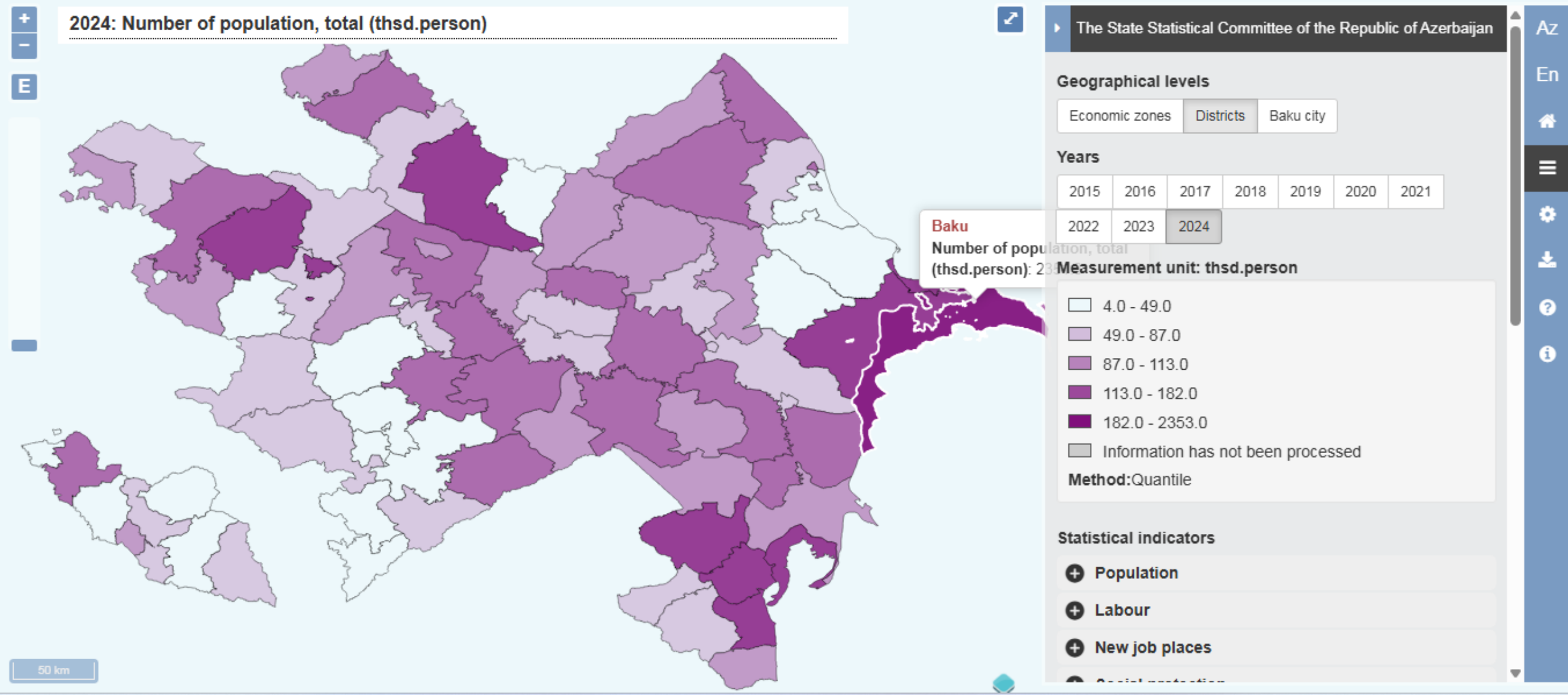
Budget of households



Ecology

Electronic map

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National Information Portal on Sustainable Development Goals

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National Information Portal on Sustainable Development Goals of the Republic of Azerbaijan



[About](#) [International challenges](#) [National implementation mechanism](#) [National legal basis](#) -

Available national statistics on the Sustainable Development Goals indicators

Click on goal in order to have a look statistics for the Sustainable Development Goal indicators



Expanding the use of administrative data

The screenshot displays the 'Administrative DB integrated management system' interface. The top navigation bar includes links for 'Data Collection', 'View Cleansed Data', 'Data Linkage', 'Create Analysis DB', and 'System Management'. The main content area is titled 'Institution Information Management' and features two tables: 'Institution List' and 'Description'.

Institution List

Institution Name	Number of d
Ministry of Justice of the Republic of Azerbaijan	9
Ministry of Science and Education of the Republic of Azerbaijan	28
Ministry of Labor and Social Protection of the Republic of Azerbaijan	9
State Customs Committee of Azerbaijan Republic	1
State Tax Service under the Ministry of Economy of the Republic of Azerbaijan	4
State Migration Service of the Republic of Azerbaijan	47
State Examination Center of the Republic of Azerbaijan* Public legal entity	7

Description

NO	Collection	Data Class	Collection I	Table Name	Number	Notes
1	Monthly	MICRO	FILE	HUGUGI	9	HUGUGI
2	Monthly	MICRO	FILE	FIZIKI	9	FIZIKI
3	every year	MICRO	FILE	HUGUGI_ALL	1	HUGUGI_ALL
4	every year	MICRO	FILE	FIZIKI_ALL	1	FIZIKI_ALL

The interface also includes buttons for 'Add', 'Delete', and 'Save' at the bottom of each table, and a 'Column and Code Management' button. The footer shows 'Copyright Statistics Azerbaijan. All rights reserved.'

- Signed agreements with government agencies on data integration
- Integration databases of government agencies into the statistical database via the e-government gateway
- Creating an “Administrative Data Management System” ADIS

Preliminary results of integration of administrative databases

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Revision of official statistical questionnaire forms to reduce the number of indicators collected from respondents

Obtaining statistical indicators in real time from administrative sources

For example, 197 (54%) of the 365 statistics of civil servants presented by state agencies are already obtained directly from the administrative source

Use of Big data in official statistics

Development of ICT and new partnership relations with respondents in the field of statistics

The development of ICT in official statistics and the establishment of partnership relations with large trade networks allowed to improve the process of price registration, and the use of electronic data bases of trade networks for statistical purposes began. In this regard:

- ▶ large trade networks were selected, the total turnover of which was about 26.0 percent of the retail turnover in the city of Baku
- ▶ reached an agreement with trade networks and signed agreements on cooperation in the field of providing information on retail prices to the State Statistical Committee in the form of electronic databases
- ▶ since 2019, the provided data has been integrated into the State Statistical Committee database through software specially developed for these purposes.
- ▶ since the middle of 2019, the new method has been applied in 10 cities along with the city of Baku.
- ▶ options for expanding coverage with the involvement of new trade networks are currently being worked out

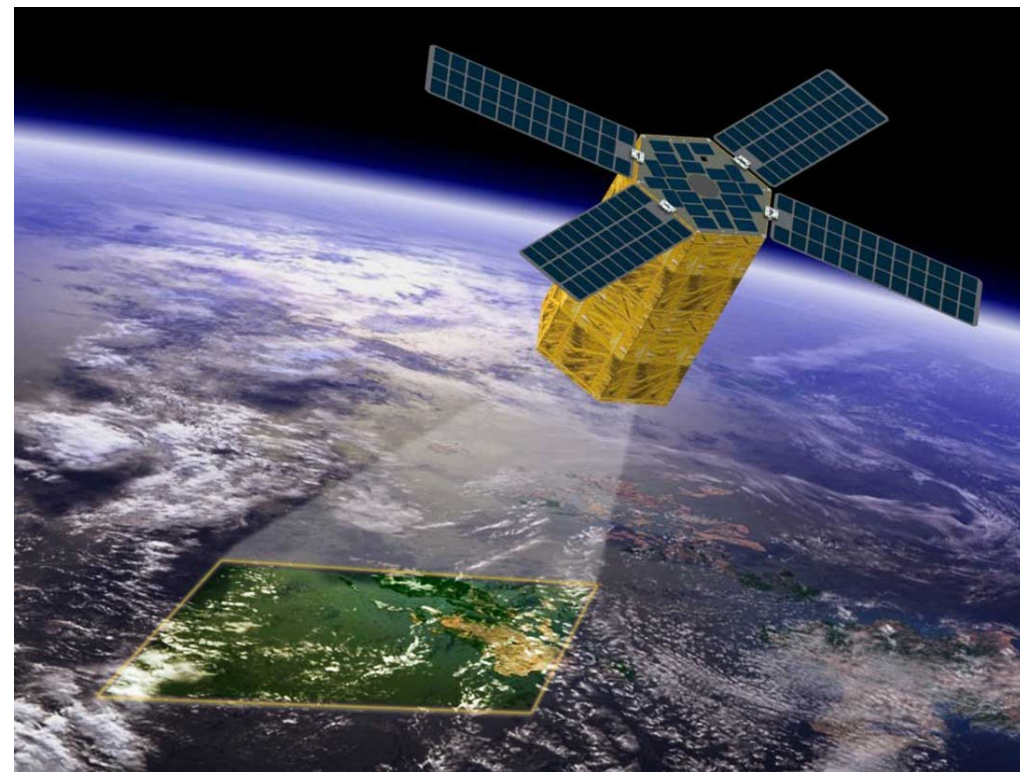
Advantages

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- saving of costs and time for collecting data
- increasing the accuracy of calculations, eliminating errors due to the human factor
- the possibility of attracting released enumerator to other statistical surveys

Use of satellite data for statistical purposes

- Integration of satellite data into a statistical database
- Cooperation with the Space Agency of the Republic of Azerbaijan
- Since 2020, data has been developed for one of the SDG indicators – indicator 15.4.2 “Mountain Vegetation Index”, calculated based on satellite images
- In the future, it is planned to expand the range of indicators. This measure is included in the draft State program “On the development of official statistics in the Republic of Azerbaijan” (2026-2030)



Digitalization of the agricultural census

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III agricultural censuses conducted



- The I and II censuses were conducted in the traditional (paper questionnaire) method
- The III census conducted by Computer Assisted Personal Interviewing (CAPI) method



Digitalization of the agricultural census

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Advantages:

- reducing the time to obtain final data by 7-8 months
- there is no need to hire more than 400 temporary workers
- there is no need to print census forms in millions of copies
- the absence of operators making errors when entering data from paper media allows for improved data quality
- compared to the 2015 census, the reduction in average survey time allowed the daily workload of the census enumerator increased from 100 households to 120 households, despite the increase in the number of questions from 31 to 37
- saving budget funds
- taking into account that the census is completed, tablets will be given to schoolchildren for use, which should increase their IT motivation



Thank you for your
attention!