



**NATIONAL STATISTICAL COMMITTEE
OF THE REPUBLIC OF BELARUS**

Ethical aspects of data management

Tsimafei Zhyharau

Deputy Chairperson of the National Statistical
Committee of the Republic of Belarus

2-4 October 2024, Tashkent

Why data ethics is important



New sources and large volumes of data



Increasing confidence in national statistical institutes



Efficient interaction with data providers and users



Compliance with national legislation and international practice



Principles of ethics

Social significance

- state statistics has clear advantages for users and serves the public good

Confidentiality and security

- the respondent's identity and data are protected, and information is processed and stored in secure systems

Soundness of methodology

- official statistical methodology is up-to-date and in line with international standards; classifications, terms and concepts are unified

Data quality

- data used to produce statistical information should be representative and accurate to the maximum extent possible, official statistics should be relevant, timely, comparable and accessible

Work with users

- the importance of user opinion at every stage of working with data

Transparency and accountability

- statistical activities are transparent, activity reports are made available to the public in a clear and accessible manner

Training and awareness

- continuous professional development of state statistics employees



Social significance

The screenshot displays the official website of the National Statistical Committee of the Republic of Belarus. The header includes the organization's name, contact information, and navigation links. The main content area features several sections: 'Актуально' (Actual) with a headline about the Consumer Price Index (CPI) for August 2024 at 103.4%; 'Новости' (News) with a headline about housing put into operation; 'Мероприятия' (Events) and 'Публикации' (Publications) sections; and a 'Календарь пользователя' (User Calendar) for September 2024. A central banner reads 'ПРОГРАММА СТАТИСТИЧЕСКИХ РАБОТ на 2024 год' (Program of Statistical Work for 2024) and is noted as approved by the Council of Ministers of the Republic of Belarus on December 12, 2023, No. 882. The footer indicates 'Минск 2023'.



over **2 thousand** statistical publications



5 thousand information and analytical materials



over **1.7 thousand** statistical indicators in information systems



6 million visits per year



National Statistical Committee
of the Republic of Belarus

Confidentiality and security

Legal measures of protection

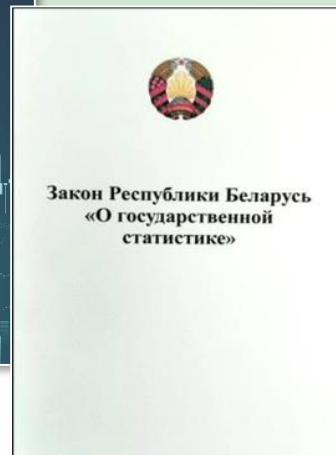
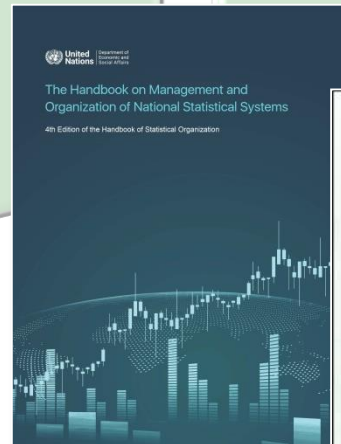
- Law on State Statistics;
- Information Security Policy of the National Statistical Committee of the Republic of Belarus;
- Confidentiality Policy;
- Dissemination Policy;
- Administrative Data Use Policy

Organisational measures of protection

- differentiation of data access rights according to the circle of persons and the nature of data;
- responsibility of employees and survey interviewers for respecting statistical confidentiality;
- time limits for data storage

Technical measures of protection

- ensuring data processing and storage in information systems using certified information protection systems and certified means of technical and cryptographic protection of information;
- application of security features for data transmission over public telecommunication networks



National Statistical Committee
of the Republic of Belarus

Soundness of methodology

Scientific and Methodological Council

- **coordinated** decisions in the field of **methodology of all producers** of official statistics

Inter-Agency Council on State Statistics

- **areas of development** of information systems and resources of public sector

IISSS

- a **single point of entry** for the collection of all state statistical reports
- **unified** regulatory and reference information

Data and metadata

- uniform **structure**
- **unification** of applied statistical **terminology and conceptual apparatus**
- development of statistical and national classifications **on the basis of international** classifications and standards

Proportion of classifications harmonised with international classifications: **83%**



Data quality



Institutional framework

- respondents' obligation to provide accurate data and responsibility for misrepresentation of data;
- obligation of administrative data providers to ensure the necessary composition, structure and level of detail of the information they provide;
- unified procedure for submission of primary statistical data;
- outreach work with respondents;
- automation of data collection and processing

431 validations of primary statistical data in 2023

2018,
2021,
2024



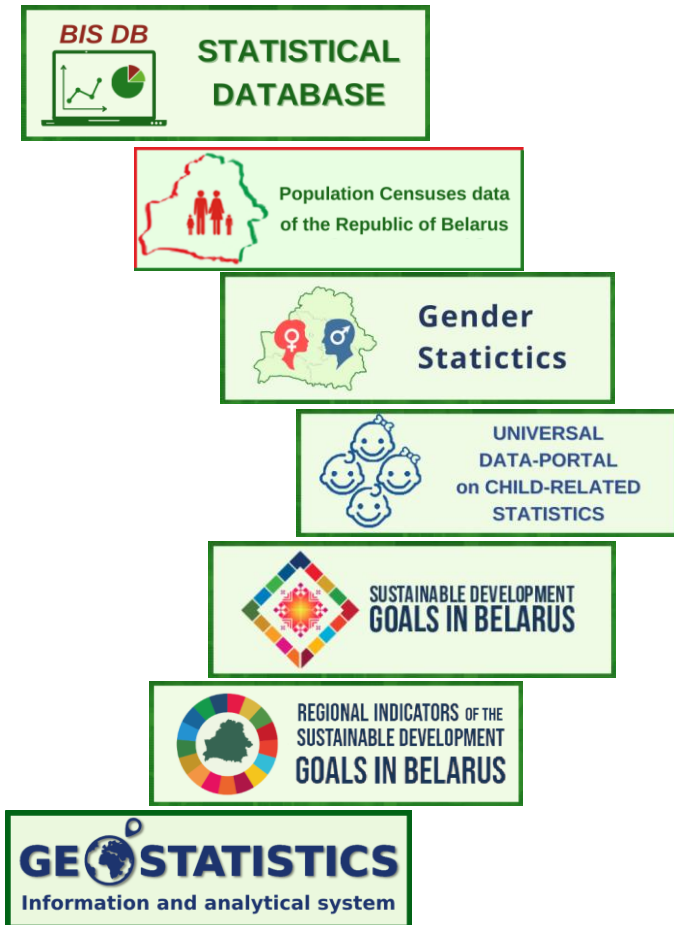
Quality management system






- quality management system of state statistics bodies based on ISO 9001-2015 for all levels of statistical production;
- Questionnaire for quality assessment of state statistical observations;
- tools for integrated assessment of the quality of administrative data, both on the part of statistical bodies and on the part of administrative data owners;
- evaluation of official statistics by users

Level of user satisfaction and trust in 2023 - over **80%**



Work with users



-  Infographics, statistical booklets
-  SDMX support
-  Data downloading in machine-readable formats via API
-  User survey
-  Presence of statistical bodies in social media



Transparency and accountability

Right of administrative data providers to receive **information** from producers of official statistics on the **use** of the data they provide

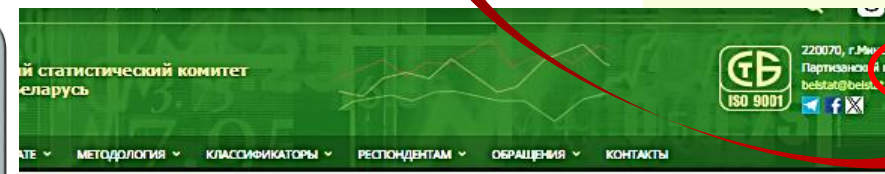
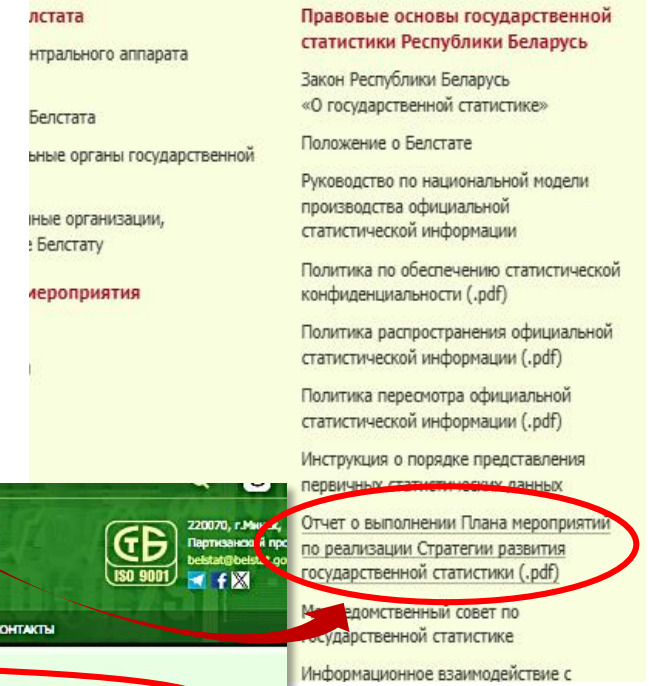
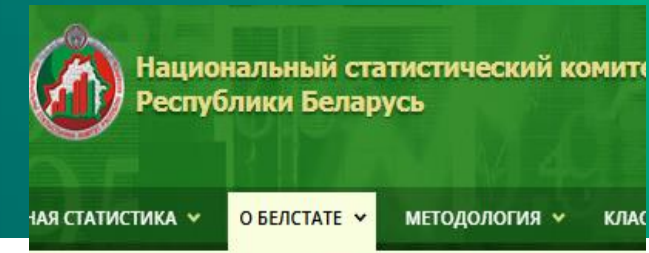
Statistical **methodology and metadata** are available on all information resources of Belstat

Right of users to **equal access** to official statistics and related methodology

Annual publication of **reports on the implementation of the activities of the Strategy** for the Development of State Statistics



National Statistical Committee
of the Republic of Belarus



Методики по формированию и расчету статистических показателей

№ п/п	Наименование методик	Наименование, номер и дата утверждающего акта, акта о внесении изменений и (или) дополнений
Статистика населения и миграции		
1.	Методика по расчету основных статистических показателей миграции населения (.docx)	Постановление Белстата № 151 от 24.11.2023 (.docx)
2.	Методика по расчету статистических показателей численности и структуры населения (.docx)	Постановление Белстата № 152 от 24.11.2023 (.docx)
3.	Методика по расчету основных статистических показателей естественного движения населения (.docx)	Постановление Белстата № 153 от 24.11.2023 (.docx)

Training and awareness

НАЦЫЯНАЛЬНЫ
СТАТЫСТЫЧНЫ КАМІТЭТ
РЭСПУБЛІКІ БЕЛАРУСЬ
(Белстат)

ЗАГАД

7 июня 2024 г. № 64

г. Минск

НАЦИОНАЛЬНЫЙ
СТАТИСТИЧЕСКИЙ КОМИТЕТ
РЕСПУБЛИКИ БЕЛАРУСЬ
(Белстат)

ПРИКАЗ

г. Минск

Об утверждении Правил профессиональной этики государственных гражданских служащих органов государственной статистики

На основании Положения о Национальном статистическом комитете Республики Беларусь, утвержденного Указом Президента Республики Беларусь от 26 августа 2008 г. № 445,

ПРИКАЗЫВАЮ:

1. Утвердить Правила профессиональной этики государственных гражданских служащих органов государственной статистики (прилагаются).

2. Руководителям структурных подразделений Белстата, территориальных органов государственной статистики довести утвержденные настоящим приказом Правила профессиональной этики государственных гражданских служащих органов государственной статистики до всех государственных гражданских служащих.



Rules of Professional Ethics for State Statistics Employees



Concept of continuous professional training of personnel



Utilisation of educational platforms of the leading universities of the country



Learning from international statistical experience



Professional mentoring

In 2023, **321** employees took part
in more than **130** international training events



National Statistical Committee
of the Republic of Belarus

New challenges and development paths

- ✓ **Prepare** a code of **ethical rules** of state statistics
- ✓ **Train and raise awareness** among employees in the field of data ethics
- ✓ **Change regulatory framework** as regards the issues of ethical use of data in the country
- ✓ **Update** documents that regulate the quality management system





THANK YOU FOR YOUR ATTENTION!



**NATIONAL STATISTICAL COMMITTEE
OF THE REPUBLIC OF BELARUS**

12 Prospekt Partizansky, 220070 Minsk, Belarus

+375 17 350 23 81

press@belstat.gov.by

