

Strategy on Development of the National Statistical System 2023-2030 and draft Action Plan 2023-2026



National Statistical System

Guiding principles

NSS Vision: By 2030, NSS is to function as a consolidated structure, capable of providing high-quality statistical products and services, in accordance with European standards, meeting the needs of a wide spectrum of users.

NSS Mission: to provide timely, qualitative data to support evidence-informed information, research, and decision-making processes in both the public and private settings.



NSS



National Bureau of Statistics (NBS)



National Bank of Moldova (NBM)



Other producers of official statistics (OPOS)



Data providers



Data users

National legislation



National strategic & policy framework



International (UN, EU etc.) standards in official statistics



International commitments (conventions, treaties, 2030 Agenda, etc.)



NSS Strategy development

Strategic planning

1. Long-term Strategy of the NSS (2023-2030)

APPROVED (GD no.954/2022)



2. Medium-term Program (2023-2026) - *first draft developed*

Including Action plan with implementation costs and deadlines – *first draft developed*



Coordination group

Technical group



Objectives of the SSN Development Strategy

Institutional capacity of National statistical system (NSS) members strengthened to produce relevant, accessible and interoperable statistical data, governed by standards and driven by innovation
(INSTITUTIONAL DEVELOPMENT)



NSS strengthened by systems of good governance, common legal and regulatory framework, privacy and data protection practices to ensure transparency and accessibility of data of public interest and to increase public confidence in and use of data
(GOVERNANCE & LEADERSHIP)



High-quality data, including new data sets (timely, relevant, reliable, accessible, disaggregated, coherent, internationally comparable and harmonized with EU requirements), produced to inform society and support effective decision-making and the implementation of evidence-based public policies leading to sustainable development and a society inclusion
(DATA PRODUCTION/DATA SUPPLY)



Statistical culture in society strengthened to enable decision-makers to use data effectively and to provide in a sustainable way the services and resources that the population needs, for crisis recovery and to enable the general public to understand better statistics and hold the authorities accountable
(USE & ANALYSIS = DATA DEMAND)

General objective 1: Institutional capacity of NSS members strengthened to produce relevant, accessible and interoperable statistical data, governed by standards and driven by innovation

Specific objective 1.1: Strengthening the mandate for data collection

Specific objective 1.2: Human resources development

Specific objective 1.3: Ensuring the allocation of sustainable and efficient financial and technical resources

Specific objective 1.4. Optimization of the organizational structure of institutions within the SSN

Objective 1: NSS institutional development

Legislation, organizational structure and coordination

- ! ⌘ Revise the organizational structure of the NBS in compliance with the requirements for redesigning statistical processes (*expertise for functional analysis*)
- ⌘ Improve the legal framework on the retribution of the NBS staff and access to ADS and PDS for statistical purposes (*legal expertise*)
- ⌘ Enhance the coordination of institutions within NSS:

- Strengthen the role of NBS as coordinator of NSS and chair of the Aid Coordination Council in statistical sector
- Raise public awareness on the NSS and its governance mechanism
- Develop the institutional capacities of other producers of official statistics/other national authorities (ONA) providing methodological guidance and promoting data quality management

(expertise/capacity building for NSS institutions (NBS, NBM, ONAs))



Objective 1: NSS institutional development

Human resource management

- 🌀 Strengthening the management of human resources and the continuous training of the staff of statisticians **(to increase innovation capacity, efficiency and effectiveness of staff)** *(identification of training needs, capacity building)*
 - Assess training needs
 - Set up a **center of continuous training** (*Excellence Center*) within NSS *(technical support, expertize)*
 - Development of the career plan for employees in statistics *(HR expertize)*
 - Build **institutional capacities** for activity in crisis situations – Contingency Planning *(technical support)*
- 🌀 Collaboration with institutions in the education system (higher education) in order to train statistical staff and attract well-trained young specialists in official statistics bodies *(expertize on good practices)*
- 🌀 Create attractive conditions for the activity and professional and career growth of the body of statisticians **(to increase employee job satisfaction, reduce fluctuation)** *(technical support)*



Objective 1: NSS institutional development



Legislation, organizational structure and coordination

General and specific objectives	Implementation costs, thou lei	Funding sources, thou MDL		Other sources, thou USD
		Budgetary sources,	Other sources (indicative estimates for development partners)	
General objective 1: Institutional capacity of SSN members to produce relevant, accessible and interoperable statistical data, governed by standards and driven by innovation	22,586.0	5,888.3	16,697.7	867.0
Specific objective 1.1: Strengthening the mandate for data collection	1,319.4	573.5	745.8	38.7
Specific objective 1.2: Human resources development	12,655.3	2,295.5	10,359.9	537.9
Specific objective 1.3: Ensuring the allocation of sustainable and efficient financial and technical resources	1,941.8	939.8	1,002.0	52.0
Specific objective 1.4. Optimization of the organizational structure of institutions within the SSN	6,669.5	2,079.5	4,590.0	238.3

Objective 2: Governance & Leadership

Data protection and the access to ADS and PDS

(technical support, thematic expertize)

- ☉ Consolidation of regulatory, administrative, technical and organizational data protection measures, to facilitate the consumption of data and their use for statistical purposes
- ☉ Strengthening the capacities and skills of producers of official statistics to respect confidentiality and data protection in the process of data production, dissemination and archiving
- ☉ Capitalizing on the potential of administrative, private data sources (e.g. energy companies, telecommunications, trade) and new data by developing experimental statistics with subsequent integration into statistical production (**first results of the use of VAT data from TA implemented in 2023, with the substitution of current monthly surveys**).
- ☉ Increased use of administrative and private data sources for statistical purposes will allow:
 - (i) substitution of existing statistical surveys;
 - (ii) the development of statistical data with greater frequency;
 - (iii) reducing costs for the production of official statistics;
 - (iv) reducing informational pressure on respondents.



Objective 2: Governance & Leadership

Manage statistical data quality

(technical support, thematic expertize)

- ⌘ **Revise and improve statistical tools** in order to exclude duplication of information and statistical indicators with low informational value, as well as to reduce the informational pressure on respondents
- ⌘ Solve problems related to **access to SDA**, which would allow their use for statistical purposes to reduce the pressure on respondents and produce new statistics and more efficiently
- ⌘ **Measure the informational burden on respondents** using quantitative methods, setting targets for reducing the response burden, and monitoring it



Objective 2: Governance & Leadership



Data protection and access to ADS and PDS

General and specific objectives	Implementation costs, thou lei	Funding sources, thou lei		Other sources, thou USD
		Budgetary sources	Other sources (indicative estimates for development partners)	
General objective 2: The national statistical system fortified by good governance systems, common legal and regulatory framework, privacy and data protection practices to ensure	7,598.6	2,069.4	5,529.2	287.1
Specific objective 2.1: Strengthening the professional independence of NBS	525.2	54.4	470.8	24.4
Specific objective 2.2: Ensuring a safe environment for compliance with statistical confidentiality and data protection	1,231.5	407.4	824.1	42.8
Specific objective 2.3: Development of the premises and capacities for strategic coordination	1,871.7	736.2	1,135.5	59.0
Specific objective 2.4: Optimization of statistical production procedures	3,145.3	487.7	2,657.6	138.0
Specific objective 2.5: Reduction of the informational pressure on respondents	824.9	383.7	441.2	22.9

Objective 3: DATA PRODUCTION – DATA SUPPLY

Manage statistical data quality

! Implementation of a **quality management system in NSS** in accordance with European quality standards :

- Strengthening the capacities of the NBS and other producers of official statistics to ensure quality management
- Development of **quality guidelines** for systematic quality assessment and reporting
- Documentation of **statistical methodologies** and **processes**
- **Monitoring and evaluation** of process quality
- **Standardization of processes** by using the Generic Statistical Business Process Model (GSBPM) for the description and automation of statistical processes

! **Redesign statistical processes:**

- in accordance with GSBPM to streamline statistical activity
- Based on the use of ADS



Objective 3: DATA PRODUCTION – DATA SUPPLY

Statistical processes & outputs - Produce quality statistics

Participate in the 2020 & 2030 world rounds for:

(technical support, thematic expertise)

- **Population and Housing Census**
- **Agriculture Census**

Redesign the continuous statistical **household surveys** (HBS, LFS):

- Implementation of the **new master sample**
- Establishment of a **mobile net of interviewers**
- Apply **modern data collection and processing methods and technologies**

Implement **new statistical surveys** (continuous /periodical surveys on households or enterprises - required to comply with EU acquis, 2030 NDS, 2030 Global Agenda)

Expand the availability of statistical data applying international standards and European requirements and ensuring **multi-dimensional disaggregation** (by territorial area, or characteristics of the observed sub-populations)


Continuously harmonize the national statistics with the international standards and European requirements

Provide **methodological support** for statistics produced by line ministries and **other public authorities** according to the quality standards established for official statistics






Objective 3: DATA PRODUCTION – DATA SUPPLY

Modernize technical & technological infrastructure

- 
Redesign ICT system, taking into account the pandemic conditions :
 - **Assessment of statistical ICT ecosystem**, a **Plan** for its development based to modern technologies and international good practice (*ICT assessment/ expertize*)
 - Develop and implement the **Integrated Statistical Information System** (*ICT expertize*)
 - **Upgrade** technical and technological endowment (*aquisitions*)



- 
Implement new data collection & processing methods based on **modern technologies** (*technical support, thematic expertize*)

- 
 Face-to-face interviewing (CAPI) for conducting censuses (on population and dwellings, agricultural)
 - ☀ For conducting continuous, ad-hoc /periodical household surveys (e.g. HBS, LFS, small farmers)
- 
 Electronic statistical self-reporting/web-interviewing (CAWI) and CATI (*incl. establishing a Call Center*)
 - ☀ Complete transition to electronic statistical reporting by legal entities (private sector, public institutions, etc.)
 - ☀ Self-reporting by households (e.g. HBS, LFS)
- 
 Harness **new data sources and processing methods** to produce meaningful statistics (earth observations, scanned data, big/thin data, GIS, CDR/call detailed records, web scrapping, machine learning, citizen science, etc.)



Enhance data dissemination

- 🌀 Improve content and accessibility to statistical information (*technical support*)
 - Adapt the content and timeliness of statistical dissemination to the users' needs on the NBS website and Statistical Databank
 - Enhance the use of interactive and visual tools: digital maps, animated graphs, dedicated interactive platforms (genderpulse.md, recensamint.statistica.md), infographs
 - Develop e-publications, visualization dashboards
 - Further develop and maintain the SDGs National Reporting Platform



- 🌀 Coordinate data dissemination within NSS (*technical support, good practices*)
 - Integrate statistics produced by ONAs on a common dissemination platform



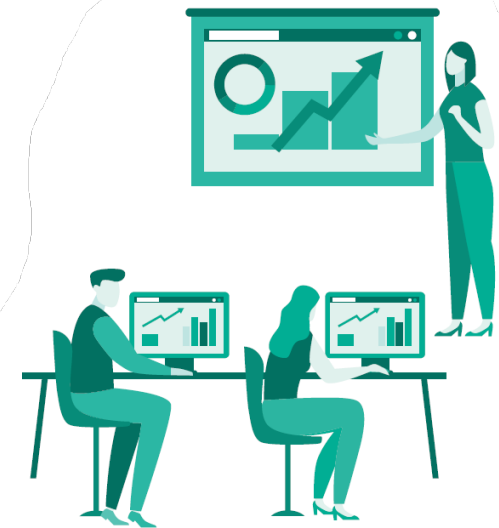
Modernize technical & technological infrastructure

General and specific objectives	Implementation costs, thou	Funding sources, thou lei		Other sources, thou USD
		Budgetary sources	Other sources (indicative estimates for development partners)	
General objective 3: High-quality data (timely, relevant, reliable, accessible, coherent, internationally comparable), produced to inform society and support effective, evidence-based decision-making leading to sustainable development and an inclusive society	432,888.2	284,120.4	148,767.8	7,724.2
Specific objective 3.1: Strengthening quality management in the national statistical system based on a common approach	2,325.8	887.3	1,438.5	74.7
Specific objective 3.2: Alignment of official statistics with international standards (including PHC)	385,915.5	274,403.1	111,512.5	5,789.8
<i>out of which PHC</i>	<i>346,472.1</i>	<i>270,680.6</i>	<i>75,791.5</i>	<i>3,863.0</i>
Specific objective 3.3: Optimization of statistical processes by upgrading the ICT infrastructure of the SSN	38,632.3	6,581.4	32,051.0	1,664.1

Objective 4: USE & ANALYSIS - DATA DEMAND

Improve communication and use of statistical information

- 🌀 Improve **methods of communication** and dissemination of statistical information within NSS :
 - Periodical data users surveys on satisfaction with the statistical products and services of SSN members, as well as the needs of users to strengthen statistical knowledge
 - Enhance NBS capacities on user-friendly and easy-to-understand communication
- 🌀 Ensure public information and **visibility** regarding the **activity of the NSS**, in particular with regard to new statistical research, large-scale complex research (such as censuses), progress in the modernization of statistical methods, innovations in statistics, etc.
- 🌀 Strengthening the **communication policy**, with a more active presence of the SNB, NBM and other producers of official statistics in the public space
- 🌀 **Involvement of society** in the efficiency of statistical activity and increasing the degree of use of official statistics
- 🌀 Analyzing the **use of statistical data** and providing feedback on misuse of statistics



Objective 4: USE & ANALYSIS - DATA DEMAND

Build statistical culture

Build statistical **culture** and data **literacy**

- Conduct trainings, workshops, round tables, “statistics explained” seminars held by statisticians for data users (policy/decision makers, CSOs, private sector, etc.)
- Organize scientific conferences and tailored events and products for data users
- Develop statistics e-learning courses to be institutionalized (official web-sites, educational curriculum, open access tailored courses)
- Revise statistical metadata to be more accessible to users
- Provide access of the scientific & analytical community to statistical information, including microdata



- Developing **partnerships** with universities & secondary education institutions in order to create statistical culture among the young generation (students & pupils)
- **Informing the public** about the achievement and results of statistical surveys by the institutions within the NSS
















Enhance data dissemination

General and specific objectives	Implementation costs, thou lei	Funding sources, thou lei	
		Budgetary sources	Other sources (indicative estimates for development partners)
General objective 4: A statistical culture in a consolidated society to enable policymakers to use data efficiently and to provide in a sustainable way the services and resources that the population needs, for recovery in crisis situations and to enable the general public to better understand statistics and empower authorities			
Specific objective 4.1: Consult the opinion of data users for continuous improvement of the offer of official statistics	3,684.0	1,917.1	1,766.9
Specific objective 4.2. Qualitative development of data demand in relation to the potential of data supply	5,106.3	2,073.9	3,032.4

NSS Action Plan 2023-2026

General and specific objectives	Implementation costs, thou lei	Funding sources, thou of lei	
		Budgetary sources	Other sources (indicative estimates for development partners)
General objective 1: Institutional capacity of SSN members to produce relevant, accessible and interoperable statistical data, governed by standards and driven by innovation			
Specific objective 1.1: Strengthening the mandate for data collection	1,319.4	573.5	745.8
Specific objective 1.2: Human resources development	12,655.3	2,295.5	10,359.9
Specific objective 1.3: Ensure the allocation of sustainable and efficient financial and technical resources	1,941.8	939.8	1,002.0
Specific objective 1.4: Optimization of the organizational structure of institutions within the SSN	6,669.5	2,079.5	4,590.0
General objective 2: The national statistical system fortified by good governance systems, common legal and regulatory framework, privacy and data protection practices to ensure transparency and accessibility of data of public interest and to increase public confidence in and use of data			
Specific objective 2.1: Strengthening the professional independence of NBS	525.2	54.4	470.8
Specific objective 2.2: Ensure a safe environment for compliance with statistical confidentiality and data protection	1,231.5	407.4	824.1
Specific objective 2.3: Develop the premises and capacities for strategic coordination	1,871.7	736.2	1,135.5
Specific objective 2.4: Optimization of statistical production procedures	3,145.3	487.7	2,657.6
Specific objective 2.5: Reducing the informational pressure on respondents	824.9	383.7	441.2
General objective 3: High-quality data (timely, relevant, reliable, accessible, coherent, internationally comparable), produced to inform society and support effective, evidence-based decision-making leading to sustainable development and an inclusive society			
Specific objective 3.1: To strengthen quality management in the national statistical system based on a common approach	2,325.8	887.3	1,438.5
Specific objective 3.2: Align official statistics with international standards	385,915.5	274,403.1	111,512.5
Specific objective 3.3: Optimization of statistical processes by upgrading the ICT infrastructure of the SSN	38,632.3	6,581.4	32,051.0
Specific objective 3.4: To extend the access of the general public to official statistical data	6,014.6	2,248.6	3,766.0
General objective 4: A statistical culture in a consolidated society to enable policymakers to use data efficiently and to provide in a sustainable way the services and resources that the population needs, for recovery in crisis situations and to enable the general public to better understand statistics and empower authorities			
Specific objective 4.1: Consult the opinion of data users for continuous improvement of the offer of official statistics	3,684.0	1,917.1	1,766.9
Specific objective 4.2: Qualitative development of data demand in relation to the potential of data supply	5,106.3	2,073.9	3,032.4
TOTAL	471,863.2	296,068.9	175,794.3

Technical Assistance for NBS – up to 2022

Project name	Field of assistance	Period	Implemented [funded]
Support to NBS within the Public Administration Reform	Strengthen institutional capacity of NBS; Alignment of statistical products and services with quality standards; Harmonize statistical production with the EU acquis in statistics; ICT modernisation	August 2019 - August 2022	Società Geografica Italiana and 3 NSOs (Italy, Denmark, Poland) [EU] 
Regional Statistical Programme for Eastern Partnership countries (STEP)	Develop economic and social statistics, improve statistical governance	2019 – 2022	Expertise France and 5 NSOs
Education statistics sector review	Education statistics sector review	2021-2022	[EU/Eurostat] 
Improve availability of administrative data for tracking progress of the ICPD agenda in the framework of SDGs	Develop Integrated information system on population and migration using admin.data and aligned with UN/Eurostat recommendations	2019-2022	UNFPA [India-UN Development Partnership Fund]  
Revision of population estimates at sub-national level	Strengthened institutional capacities of the NBS in modernization of population and social statistics data collection and processing	2019-2022	UNFPA [SDC]  
Enhance availability and quality of data to ensure proper child rights monitoring	Enhance availability and quality of data to ensure proper child rights monitoring, including but not limited to child-related SDGs	2020-2021	NBS direct implementation [UNICEF] 
Support for improvement of agriculture statistics	SDGs indicators 2.3.1-2	2019-2021	FAO 
Use of new and traditional data for COVID-19 recovery in Moldova	Build capacity of NBS to use new data sources for production of reliable and timely data	September 2020	UNECE & UNDP  
Crime & justice statistics sector review	Crime & justice statistics sector review		[UNDP]
Support to improve the living standards statistics	Revise poverty statistics methodology; Revise statistical Household Budget Survey and pilot new methodology, New data collection methods	2016-2021	NBS direct implementation [World Bank] 
Support to National accounts statistics	Support to National accounts statistics and CPI	2021-2022	IMF 
Support to the Moldovan Government in the implementation of the 2030 Agenda	Strengthen monitoring the SDGs and Moldova 2030	2020-2022	[GIZ] 
Support to business statistics	Support to business statistics		

Thank you !

Objective 3: DATA PRODUCTION

Population and Housing Census 2024

Activities / type of expenses		Total estimated RPL budget 2023- 2026 (thou lei)	Sources of funding			Unidentified sources (no coverage)/ Gap, USD
			State budget (approved 2023, planned in MTBF 2024-2025)	Funds allocated by EU	Unidentified sources (no coverage)	
TOTAL		346,472.1	270,680.6	42,371.3	33,420.2	1,735.2
1	Preparation and conduct of the sample census	5,743.8	5,743.8			
	Temporary staff, payroll (reviewers, controller instructors, district heads, etc.)	4,791.9	4,791.9			
	Training (reviewers, controller instructors, district heads, etc.)	149.3	149.3			
	Tablets + PC	697.5	697.5			
	Communication and publicity campaign	35.0	35.0			
	Services, rentals, transport, consumables, etc.	70.1	70.1			
2	Temporary staff, payroll (reviewers, controller instructors, district heads, etc.)	214,344.5	214,344.5			
3	Purchase of equipment (Tablets for temporary staff + IT hardware + licenses)	37,720.6	2,585.5	16,637.5	18,497.6	960.4
4	Infrastructure software and applicative SI-RPL 2024	18,395.8	11,881.0	6,514.8	0.0	0.0
5	Communication and publicity campaign	17,604.2	3,004.0	2,137.7	12,462.6	647.1
6	Services, rentals, transport, consumables, etc.	7,223.8	6,552.0	671.8		
7	Temporary staff training (reviewers, controller instructors, district heads, etc.)	6,955.7	5,306.6	1,649.0		
8	GIS + Listing	2,000.0	2,000.0			
9	Additional staff NBS	6,608.5	4,956.3	0.0	1,652.1	85.8
10	Processing and dissemination of PHC data (including Post-enumeration Survey)	7,336.0	6,836.0	0.0	500.0	26.0
11	Risk management	7,470.8	7,470.8	0.0		
12	Expertise	11,685.7		11,377.7	308.0	16.0