STATISTICA MOLDOVEI

Meeting of the sectoral council for external assistance in the field of official statistics (SCEA),
October 4, 2022

MAIN RESULTS
of the technical assistance projects in OFFICIAL STATISTICS

Aurelia SPATARU
Deputy Director General
National Bureau of Statistics

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 2021	Società Geografica Italiana and 3 NSOs (Italy, Denmark, Poland) [EU]
Regional Statistical Programme for Eastern Partnership countries (STEP) **Education statistics sector review**	Develop economic and social statistics, improve statistical governance Education statistics sector review	2019 – 2022 2021-2022	Expertise France and 5 NSOs [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 **Crime & justice statistics sector review**	Build capacity of NBS to use new data sources for production of reliable and timely data Crime & justice statistics sector review	September 2020	UNECE &UNDP [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	2021-2022	[MFI]
Support to the Moldovan Government in the implementation of the 2030 Agenda **Support to business statistics**	Strengthen monitoring the SDGs and Moldova 2030 Support to business statistics	2020-2022	[GIZ]

Strengthened LEGAL framework

- **LEGAL FRAMEWORK** (related to statistical sector and secondary legislation from other sectors):
  - Law no. 231/2022 on the population and housing census - adopted in July 2022. It is a generic law that aims at building the legal framework for the organisation of future Population and Housing Censuses (PHC) without the need to issue a special law for each separate PHC. However, the law has a specific provision regarding the next PHC, that will be carried out in 2024.
  - Law no. 93/2017 on official statistics - amended to strengthen access to administrative and private data sources ensure secure access to personal/individual data from SDA for statistical purposes
  - Government decision no.51/2022 on approval of the Regulation regarding the procedure on defining Other Producers of Official Statistics (OPOS) – approved. Aimed to identify and assign the status of OPOS that are part of the National Statistical System, in accordance with international standards and European practices
  - Government decision no.590/2022 on approval of the Concept of IS on Financial Statements – approved
  - Government decision no.604/2022 on approval of the Concept of IS on Social and Demographic Statistics – approved
  - *(draft)* Government decision on approval of the 2030 Agenda M&E framework - endorsed

Strengthened STRATEGIC and REGULATORY framework

- **STRATEGIC FRAMEWORK** (NSS coordination and functioning):
  - *(draft)* Government decision on approval of the Strategy on the Development of the National Statistical System for the period 2022-2030 – under endorsement. Provides a long-term strategic framework for the further alignment of national statistics with EU standards, contributing to the objective of timely provision of reliable and coherent statistical data, internationally comparable, respecting the fundamental principles of official statistics and in accordance with the Code of Good Practice of European Statistics.
  - Medium-term Program for the development of the NSS for 2022-2026, which will include an action plan and a budget - developed.

- **REGULATORY FRAMEWORK** (NSS coordination and NBS functioning)
  - Regulation on access to individual data for scientific purposes, toolkit an guide - approved by NBS in December 2021. In compliance with Law no. 93/2017 on official statistics and in accordance with Commission Regulation (EU) No 557/2013 of 17 June 2013 implementing Regulation (EC) No 223/2009 of the European Parliament and of the Council on European Statistics as regards access to confidential data for scientific purposes and repealing Commission Regulation (EC) No 831/2002.

- **OPERATIONAL FRAMEWORK** (NSS coordination and NBS functioning):
  - Guidelines on conducting user satisfaction surveys – developed.
  - Guidelines on Statistical Data Protection and Statistical Disclosure Control (SDC) - developed.

Strengthened OPERATIONAL framework

QUALITY MANAGEMENT:

- Revision policy for official statistics – approved by NBS. in accordance with the European Statistics Code of Practice and with the European Statistical System guidelines on revision policy for Principal European Economic Indicators, 2013 edition. (https://statistica.gov.md/public/files/despre/planuri/Politici/Politica_revizuire_2022_ro.pdf)
- Quality Guidelines for producers of official statistics - initiated.
- SIMS (Single Integrated Metadata Structure) reports and GSBPM for statistical surveys – initiated. SIMS developed for 8 social statistical surveys, 15 economic surveys, 2 agricultural surveys. GSBPM – 2 surveys.
- Methodology to measure the response burden on the respondents and a policy to reduce such burden – under development.

DATA PROTECTION AND STATISTICAL CONFIDENTIALITY (to facilitate access to administrative data sources):

- Methodology to evaluate the quality of administrative data used for statistical purpose - developed and applied on 6 ADSs.
- Audit on protection of personal data – undertaken.
- Documentation (36 annexes + 4 policies) for ISO 27001 / ISO 27701 certification – developed.
- Methodology for generation of unique statistical identifier and SOP – developed (for pseudonimization of personal data collected)

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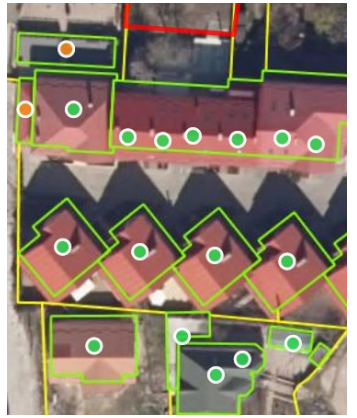
Modernized technical & technological infrastructure

- **REDESIGN of ICT system**:
  - App on collection of georeferenced data (buildings & dwellings) – developed. Used to perform the map updating for buildings & dwellings for preparation of the Census enumeration areas. Data were collected in the areas without massive cadastral work (about 900 thousand buildings, or about 40 % of total number of units of interest).
  - IS on Population and Migration Statistics – developed. Will be further extended to enable the IS for the next PHC 2024.
  - IS on Financial Statements – under development.
  - Upgrade technical endowment for Computer-assisted personal interviewing – procured (about 300 tablets).



- **NEW DATA COLLECTION & Processing Methods** based on **modern technologies:**
  - Computer-assisted personal interviewing (CAPI) method for household surveys (CSPro, Survey Solutions) – under testing.
  - Computer-assisted web interviewing of the entities/ enterprises - extended (from 26 to 33).
  - Effective access to individual data (including personal data) from other data sources to produce meaningful statistics – got. Access got for 7 data sources (ASP – RSP - RBI, IGPF, SFS, Premier Energy, RED Nord, Environment Agency – on waste management).

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ECONOMIC & AGRICULTURE STATISTICS

Statistical processes & outputs – optimized and aligned

- Statistical **surveys** on enterprises – **optimized.** Aimed to exclude duplication of information, to reduce the response burden on respondents. Resulted in discontinuation of 14 Surveys and introduction in the Annual Structural Business Survey of modules on retail and wholesale trade (acc. EU Regulation no. 295/2008) (2022).
- Business Surveys **conducted**:
  - ICT business survey (annual) (2022) (EU Regulation no. 2019/2152 on European business statistics).
  - "Energy consumption in households" survey (2022) (EC Regulation no. 1009/2008 regarding the implementation of annual statistics regarding energy consumption in households).
  - Business Tendency Survey - **tested** and under implementation (2022). (Aims to improve the system of indicators for the evaluation of short- and medium-term economic indicators in accordance with the requirements of the OECD Handbook on Business Tendency Surveys. For the Program of statistical works (PSW) 2023, the current situation survey is included as a permanent survey.
  - Survey on measurement of time consumption for the completion and presentation of statistical questionnaires – launched (since mid-2021).
- **Experimental calculations** on the monthly turnover index based on administrative data from VAT returns - **carried out** (2022). For the year 2023, this activity will replace the monthly statistical survey "Turnover in trade and services" in order to use administrative data sources as effectively as possible and reduce the informational pressure on the business environment
- Community typology and the economic dimension of agricultural holdings **developed** according to Regulation (EC) 1242/2008 establishing a community typology for agricultural holdings
- Estimation of income and employment of small producers **undertaken** (ODD indicators 2.3.1. and 2.3.2) according to the FAO methodology

Food and Agriculture Organization of the United Nations

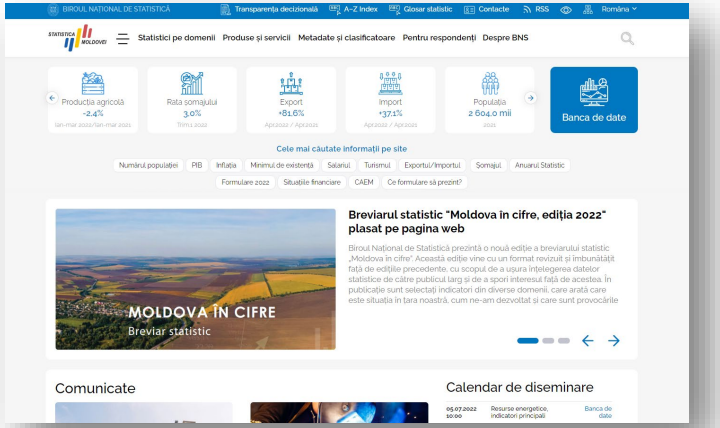
SOCIAL & DEMOGRAPHY STATISTICS

Statistical processes & outputs – optimized and aligned

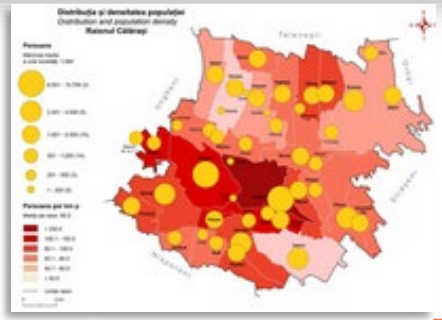
- **Statistical estimations** on the basis of administrative data (including personal data) using international definition:
  - international migration – **completed** (Regulation (EC) No 862/2007 Community statistics on migration and international protection);
  - number of the usually resident population at national level and by raions – **completed**, at lower sub-national level - **ongoing**. (Regulation (EC) No. 763/2008 on the population and housing census, Regulation (EU) no. 1260/2013 on European demographic statistics)
- **Surveys** in compliance with EU standards - **conducted**:
  - "Population's access to health services", as an additional module to Household Budget Survey (2021-2022) (5th survey).
  - Impact of Covid-19 on households (2020) and on labour market (2020-2021)
- **Assessment/ review/development** in compl. with EU/UN requirements :
  - Education statistics sector review (according to UNESCO) - *conducted*
  - Crime & justice statistics sector review, Roadmap (according to UNODC) - *conducted*
  - Assessment of education programmes (according to ISCED 2011) - *conducted*
  - HBS review, poverty estimation, MPI developed
  - Roadmap for adapting SILC concepts to the national context (Regulation (EU) 2019/2242) - *developed*
  - Mapping the national social protection system and Data compilation for 20 national social protection schemes (Regulation EU No 458/2007 and No. 1322/2007) *conducted*
  - Unpaid domestic and care work survey – *initiated*
  - PH Census preparation - *ongoing*

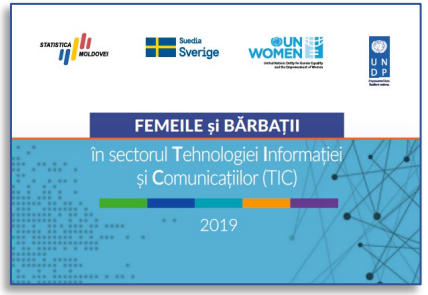
Enhanced data DISSEMINATION & communication

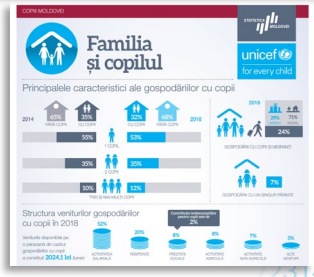
- New version of the official website of the NBS https://new.statistica.md/en – **developed & under testing.** Modern design, easy to navigate and search info, mobile version, follows the accessibility recommendations, offers users the possibility of interactive feedback, other functionalities in correspondence latest technologies and inclusiveness requirements.

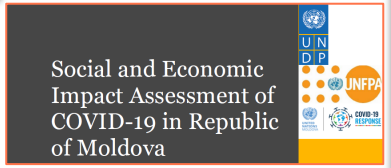


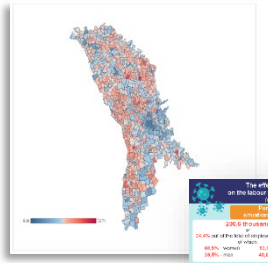
- Improved content and accessibility to statistical information
  - use of interactive and visual tools: digital maps, animated graphs, dedicated interactive platforms (genderpulse.md, recensamint.statistica.md), infographs
  - e-publications, visualization dashboards, analytical reports, inter/national databases,
  - SDGs National Reporting Platform

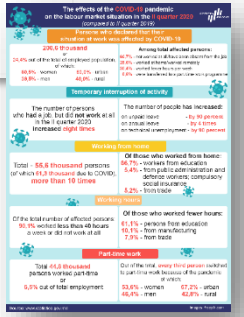


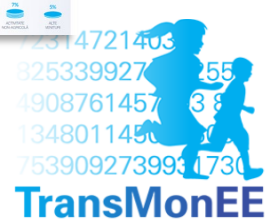










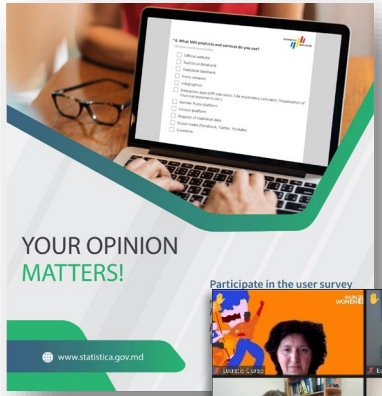


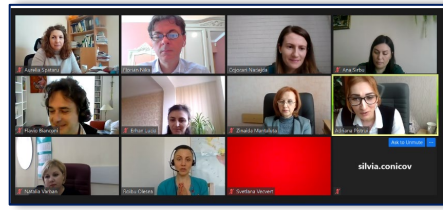
Monitoring the situation of children and women in Europe and Central Asia

Improved communication & use of data

- Communication through periodical data users satisfaction surveys:
  - Online user survey (2021) - **conducted** by NBS. Aimed to measure user satisfaction with statistical products and services provided by NBS. The more advanced are users, the higher the degree of trust. To be conducted on a regular basis.
  - Independent user survey (2022) - **conducted** by a sociological company (commissioned by the NBS). Assessed the level of user satisfaction with official statistics and covered the entire NSS.

- Statistical culture and data literacy continuously built:
  - Trainings, workshops, round tables, "statistics explained" seminars held by statisticians for data users (policy/decision makers, CSOs, private sector, etc.) – **conducted**.
  - scientific conferences and tailored events for data users – **organized**.
  - Access to scientific & analytical community to statistical information, including microdata – **provided.**





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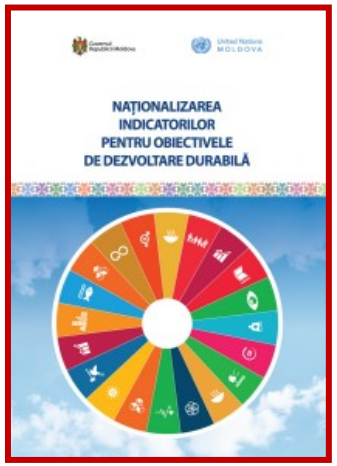
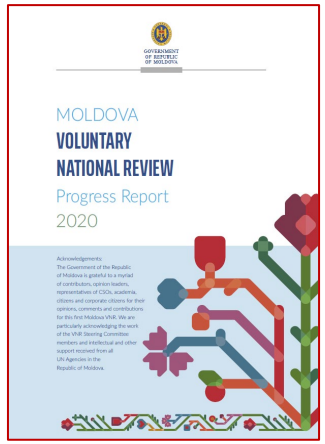
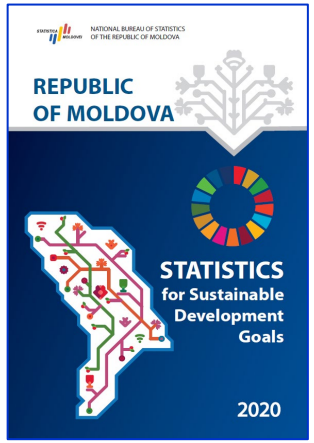
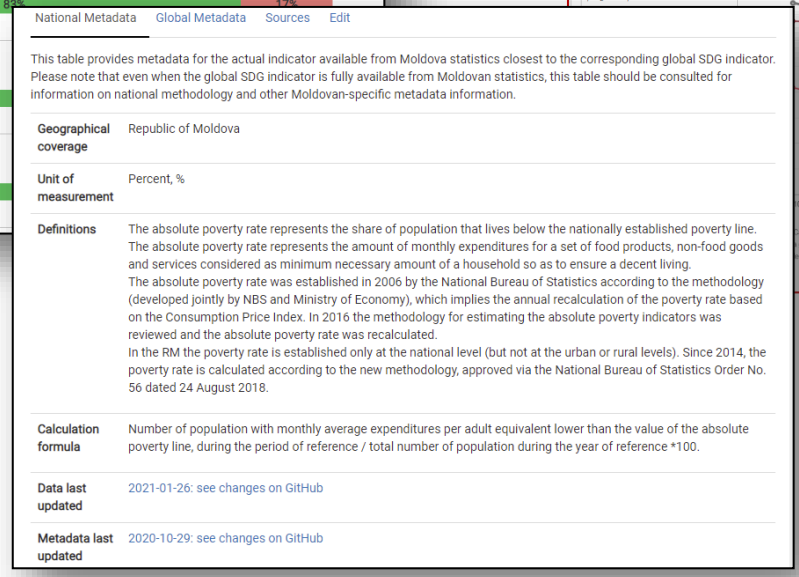
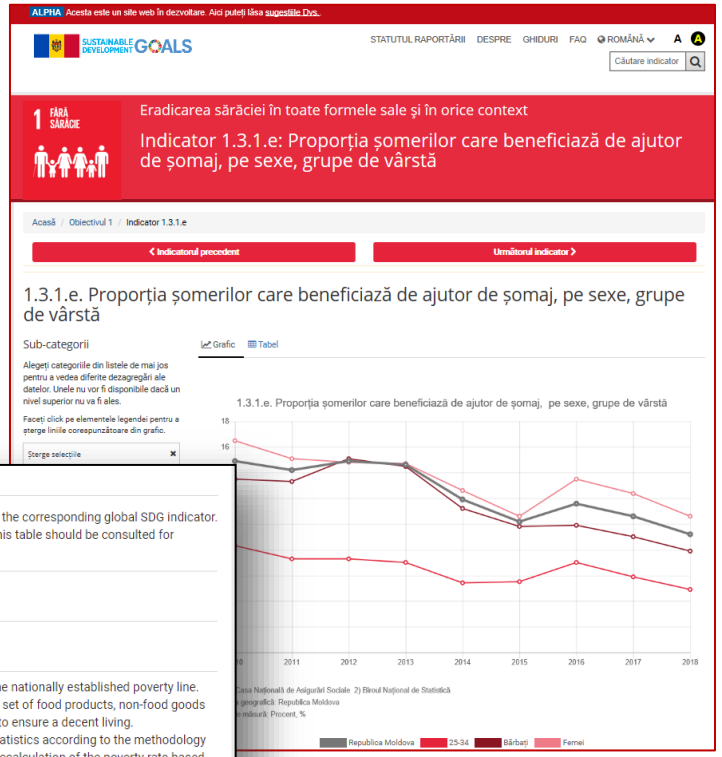
Statistics for Sustainable Development











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Thank you for attention!

Aurelia SPATARU
Deputy Director General,
National Bureau of Statistics
aurelia.spataru@statistica.gov.md