

ARMSTAT's experience in applying international standards, models and technologies for statistical production of SDG indicators

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The basis of official statistics and reporting on the SDGs in Armenia



- . When producing official statistics, ARMSTAT is guided by the Code of Norms of European Statistics.
- . The ARMSTAT quality management system is based on the 16 principles of the Code of Standards of European Statistics.
- . National SDG Reporting Platform (sdg.armstat.am) is the official ARMSTAT tool for:
- dissemination of statistics on SDG indicators,
- presentation of progress towards achieving the goals,
- publication of official statistics and metadata, including national metadata.

National SDG Reporting Platform

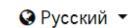


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АЛЬФА Это сайт находится в разработке. Мы рады вашим отзывам.



Состояние отчётности О нас Руководство Часто задаваемые вопросы





Q

17 целей преобразить наш мир

<u>Цели в области устойчивого развития (ЦУР)</u> представляют собой универсальный призыв к действиям, направленным на то, чтобы покончить с нищетой, защитить планету и улучшить жизнь и перспективы каждого человека, где бы он ни находился. Эти 17 целей были приняты всеми государствами-членами ООН в 2015 году в рамках <u>2030 Повестки дня в области</u> устойчивого развития.



Данные Армении для Целей Устойчивого Развития

Нажмите на каждую цель для статистики для Армения глобальных показателей целей в области устойчивого развития.



































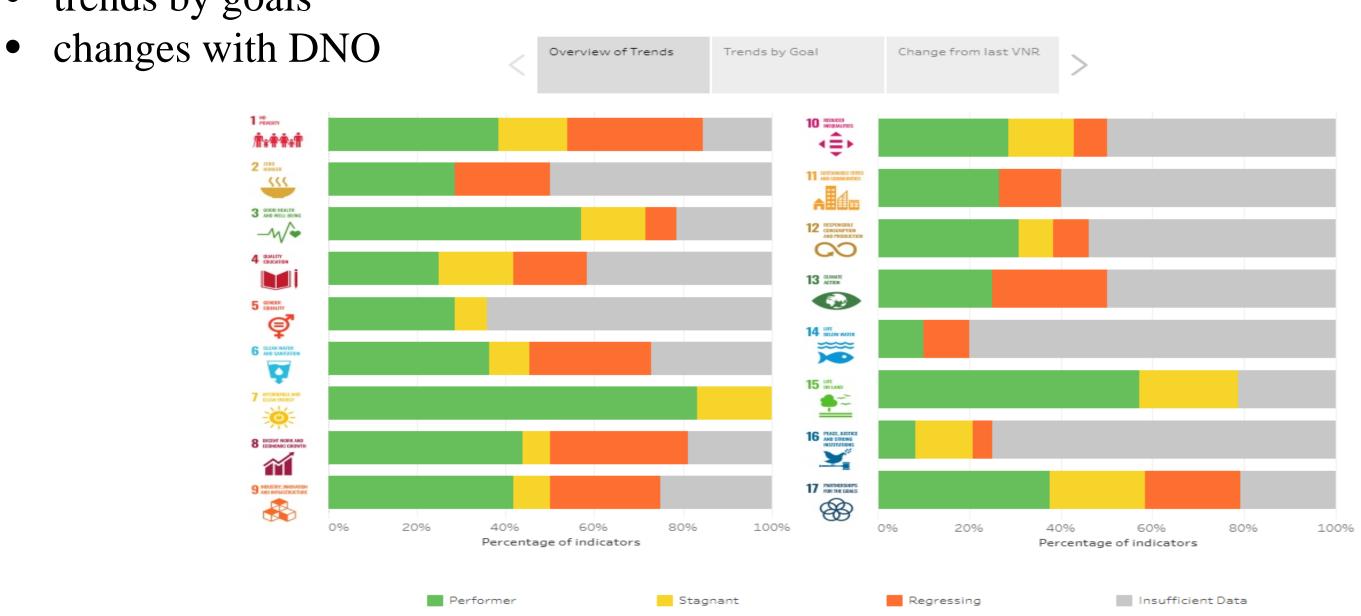
SDG Indicator Trend Assessment Panel



With the assistance of ESCAP (UNESCAP), ARMSTAT launched a Trend assessment panel, which is a visualization tool for assessing progress towards achieving the SDGs in the Republic of Armenia.

The progress monitoring panel consists of three types of visualizations:

- overview of trends
- trends by goals



Results last updated on 26 February 2024.

National SDG Reporting Platform



- In 2024 ARMSTAT held a training seminar for government agencies on online filling of SDG data.
- Instructions were developed
- Responsible persons were appointed
- Personal accounts were opened
- Technical assistance is provided



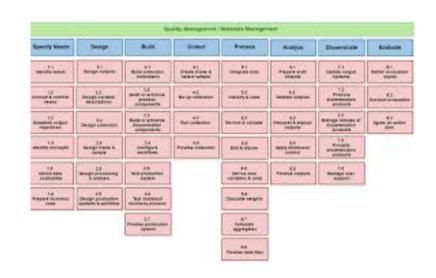


Application of GSBPM and GAMSO models



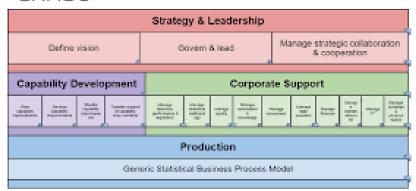
GSBPM (Generic Statistical Production Model) is a model that describes the life cycle of a statistical product, from planning to dissemination.

• ARMSTAT uses GSBPM to standardize the processes of collecting, processing and disseminating statistical data, when collecting reports and using administrative sources from which ARMSTAT receives information on SDG indicators.



GAMSO (General Model for Statistical Organizations) - complements GSBPM and is used by statistical organizations to obtain a more complete picture of the organization as a whole, stimulating innovation and change in NSO

GAMSO



Interconnection diagram



GAMSO

• Helps to organize GSBPM management.

GSBPM

• Describes and defines a set of business processes necessary for the production of official statistics.

APMCTAT SYSTEM • ARMSTAT's data collection, processing and storage system - Provides statistical production for SDG indicators.

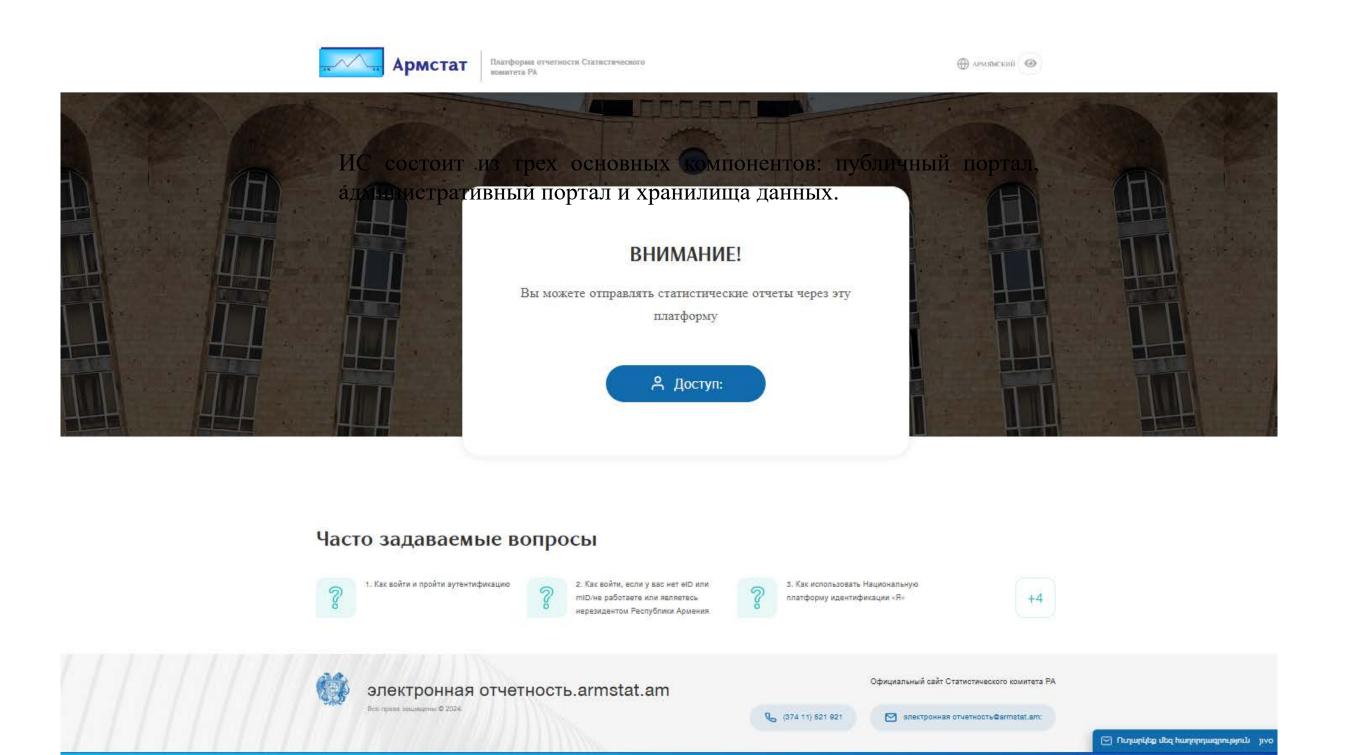


Unified electronic reporting system in ARMSTAT



ARMSTAT has implemented a system for electronic collection, processing and storage of statistical data and launched an online platform for statistical reporting: e-reporting.armstat.am.

The system consists of three main components: a public portal, an administrative portal, and data warehouses.



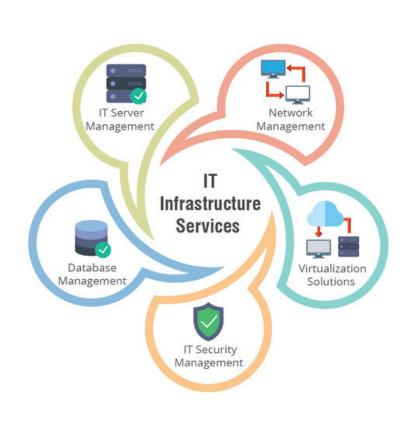
The system of collection, storage and processing of electronic statistical reports



- The online platform for respondents is part of the System, on the basis of which new modules of the ARMSTAT Information System will be added in the future.
- The system has contributed to the fundamental transformation of a number of ARMSTAT business processes based on their digitalization.
- It provides automation and validation of reporting, improving data availability and timeliness.

The system solves the following tasks:

- standardization of statistical data structures,
- online collection of data on respondents and their activities,
- centralized storage of collected data,
- automation of ARMSTAT business processes



CAPI in ARMSTAT



ARMSTAT is actively implementing CAPI (Computer-Assisted Personal Interviewing) technology for conducting statistical surveys, which allows for efficient data collection in real time using tablets.

Using CAPI ensures:

- fast, accurate and standardized primary data collection
- survey (sample) management
- data management
- data quality management and control

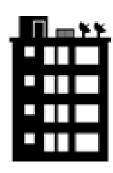


Components of the CAPI software package





1. Designer for creating a questionnaire



2. Headquarters for centralized request management



3. Supervisor for field work management



4. Interviewer for data collection

Offline (mostly)

Online

Application of CAPI in ARMSTAT surveys



- Integrated household survey (ILCS)
- Labor force survey (LFS)
- Time use survey
- CPI survey
- Information and communication technology (ICT) use survey
- Integrated agricultural research survey (AGRIS)
- RA population census 2022
- Agricultural census 2024



SDMX in **ARMSTAT**



ARMSTAT applies the following international standards: SDDS, SIMS, DDI, SDMX ...

ARMSTAT's experience in implementing SDMX

- In 2022, ARMSTAT used the SDMX standard in the context of a reference metadata system.
- In 2023-2024, ARMSTAT provided the POPSTAT dataset on population, natural displacement and migration for the reporting year to Eurostat and the United Nations Statistics Division (UNSD) in the format of the international SDMX standard.

ARMSTAT plans to implement the SDMX standard on the national SDG reporting platform for data transfer based on the global SDG framework.

Future plans

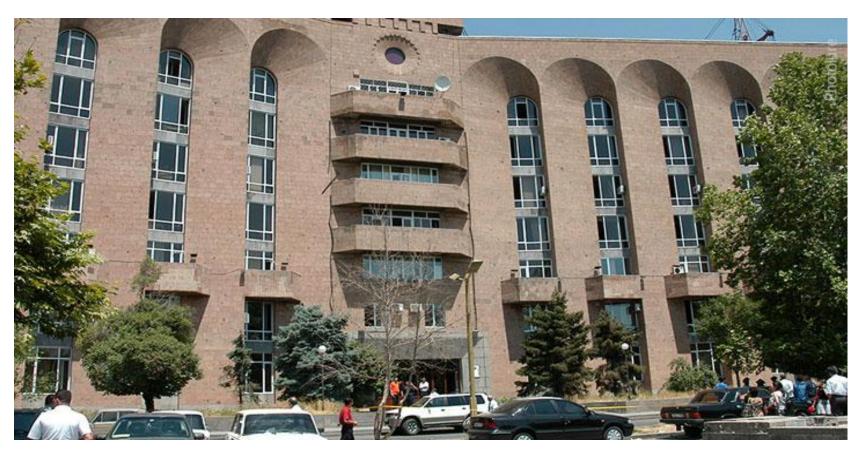


- Improving the SDG indicator trend assessment panel
- Expanding the scope of SDMX implementation
- Implementation of other modern data monitoring and visualization tools
- Implementation of other international standards (GSIM, CSPA, GeoGSBPM)
- GIS implementation





Thanks for your attention!



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