

Implementation of the Principle of Confidentiality in Armstat

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Legislative mandate/Confidentiality assurance

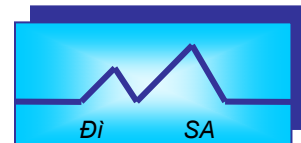
The Law of Armenia “On Official Statistics” (2018),
which is fully consistent with GLOS (2016)

- ensures strict protection of data confidentiality

Chapter 7 on Statistical Confidentiality (5 Articles)

The standards for the National Statistical System in
Armenia:



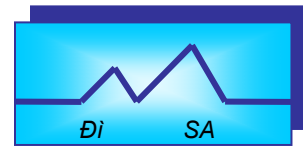


Challenges

- Information society
- Large-scale use of modern information technologies
- The rapid development of the mobile and virtual world
- Increasing demand for individual data
- Increase in information producers and their diversity
- Massive information flows/
flood of data



Ways to harmonize the perception of the Confidentiality principal in the rapidly growing demand for individual data



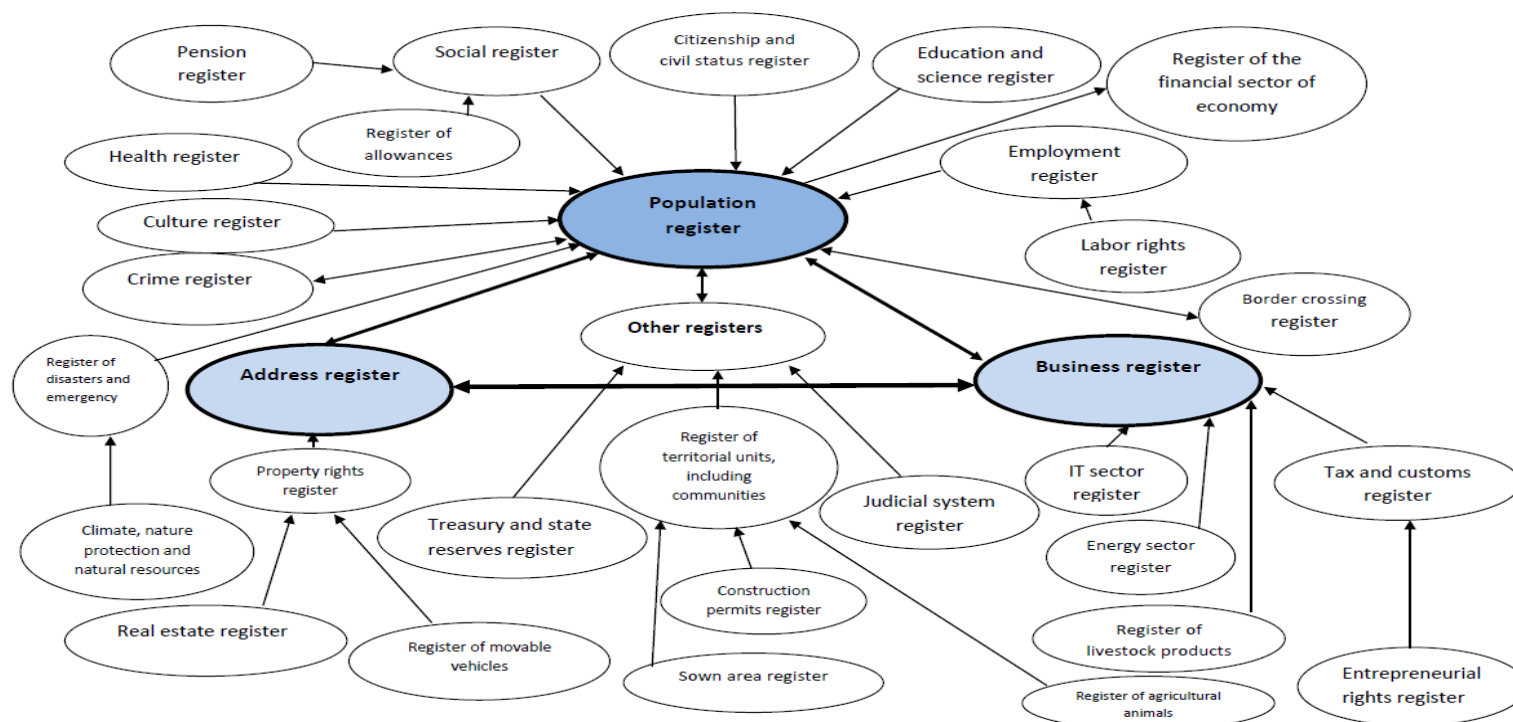
- Individual data collected for statistical purposes shall not have probative force by law, in order to reduce the temptation for users to access such data.

“Individual data collected for statistical purposes should not be used by anybody or international organization to make investigative, judicial, administrative decisions or in other similar processes relating to natural or legal persons.” (Article 23, Part 3).

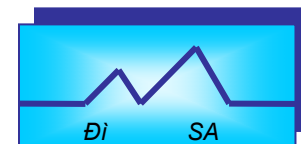


Stimulating the development of alternative sources of individual data

It is necessary to promote the implementation of the **Digital Integrated Administrative Registers System**, which will mitigate the temptation of state and municipal bodies to request individual data from official statistics. This system is based on the Nordic model and is built on a single identification code, the same definitions and classifications.



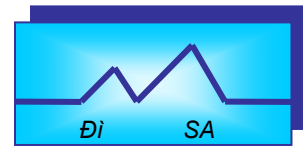
Such a system is an effective help in reducing the temptation of public authorities to have access to confidential data of official statistics



Data stewardship/main data sources

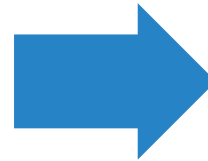


Data stewardship tool



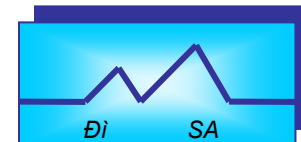
On a theoretical level

- Definitions
- Classifications
- Mathematical theories and models

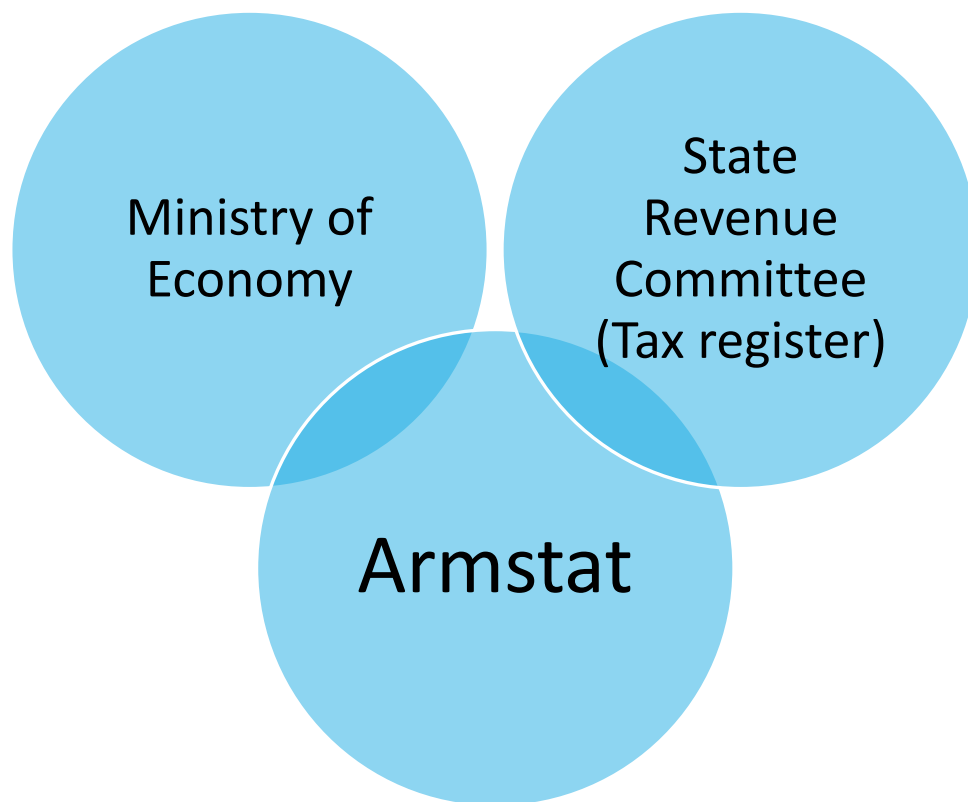


On an application level

- Data sources (surveys and administrative registers)
- Data collection and processing tools
- Dissemination policy, including publication calendar and revision policy



Armstat role in data stewardship (administrative registers)



Armstat provides to administrative data owners

- Methodological support
- Trainings
- Supporting documents, manuals



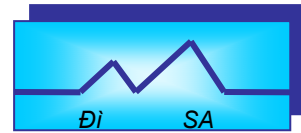
Public use microdata



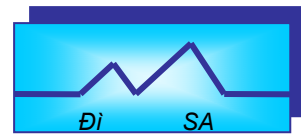
- Microdata: Household's Surveys, Population Census and Demography, Labour Market, Agricultural Census 2014 (<https://armstat.am/en/?nid=15>)

- NADA tool for Microdata Library, compliant with DDI: Household's Surveys, Population Census and Demography, Labour Market, Agricultural Surveys (<http://microdata.armstat.am/index.php/home>)

- [World Bank Microdata Library - Microdata on ILCS and LFS](https://www.armstat.am/en/?nid=716) (<https://www.armstat.am/en/?nid=716>)
- [IPUMS International/University of Minnesota - Population Census microdata, 2001, 2011](https://international.ipums.org/international/) (<https://international.ipums.org/international/>)



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- Ultimately, the Digital Integrated Administrative Registers System and Data stewardship may influence the harmonization of the perception of the principle of Confidentiality in the context of the rapid growth of user demand for individual data.



Thank You



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