

# The 100th issue of the journal "Statistics of Ukraine



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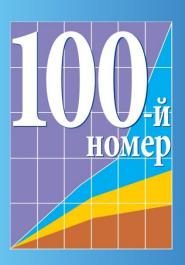




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#### CTATRICTRIKA YKPAÏHII

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#### Congratulations on 100th Issue of Statistics of Ukraine

It is with the greatest satisfaction that we wish to congratulate your renowned journal, Statistics of Ukraine, on the impressive achievement of its 100th edition. It deserves to be celebrated with a sense of pride for fulfilling its honorable mission by the entire hard-working editorial team, led with big commitment and competence by the editor-in-chief. At the same time, I wish the devoted team striving for the excellence of its journal that each subsequent occasion of this type of celebration will be marked by even greater achievements and satisfaction resulting from its growing importance and reach on the widest possible global scale.

But most of all, along with best wishes, you deserve deep appreciation for the resilience you all have already shown, along with your collaborators and Readers, in continuing to publish on regular basis in such harsh wartime conditions. This resilience is a symbol of the functioning of public statistics and active scientific life of statistical community in Ukraine. It is also a testimony to the essential nature of the journal's multitude mission – to disseminate statistical information-based knowledge while contributing to scientific community building, across the different professional groups and parts of country suffering from serious disorders.

Also, as an expression of appreciation and support for the attitudes and efforts you are presenting during this difficult time, may there be an increasingly active cooperation between our scientific communities, so strongly highlighted by the recent undertaking of Statistics in Transition new series and Statistics of Ukraine in the form of the Joint Special Issue. The collection of articles devoted to the dramatic challenges of war contained in it shows both the bravery and ingenuity of statistical services and researchers in overcoming their effects. Often in a way that brings innovative solutions to the methodology of statistical research – such as the use of alternative sources of information in the face of the impossibility of collecting statistical data.

Looking with optimism into the future of our cooperation, also based on its achievements, joint projects and conferences organized over the decades, the effects of which we present in our journal, we would like to wish you and all of us involved in the development of "statistics without borders" unlimited opportunities for success while continuing supporting each other's efforts.

D. Rozkrut, President, Statistics Poland, PhD in statistics and econometrics

W. Okrasa,

Editor-in Chief, Statistics in Transition new series, Head of Department of Research Methods and Evaluation, Institute of Sociological Science, Cardinal Stefan Wyszynski University in Warsaw, Poland, PhD, Professor





The journal covers general theoretical methodological problems statistics, problems of reforming state statistics, issues of macroeconomic and regional statistics, statistics economic activities, demographic and social statistics, problems of public administration and management.





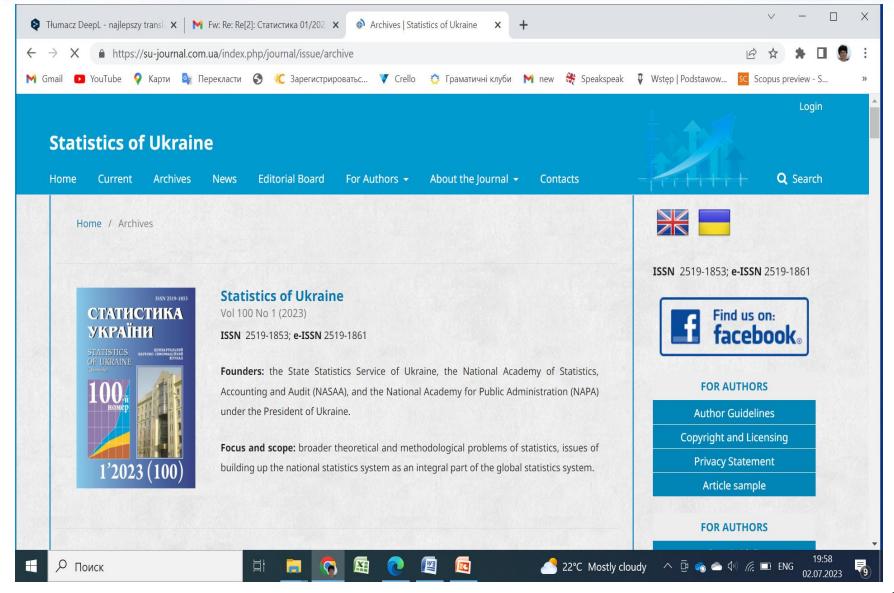
# The editorial board of the journal consists of 21 scientists, including our colleagues from Poland:

Wlodzimierz Okrasa, PhD, Professor, Head of Department of Research Methods and Evaluation, Institute of Sociological Science, Cardinal Stefan Wyszynski University in Warsaw, Poland;

**Marek Cierpial-Wolan**, Dr hab., Professor, University of Rzeszów, Director of the Statistical Office in Rzeszow, Poland











#### **Among the journal's partners:**

- Statistics Poland,
- International Statistical Institute,
- scientific journals "Statistics in Transition new series",
- journal "Transborder economy" and others





The publication is included in international and national scientometric databases, search engines and open access catalogs:

- Index Copernicus (IC),
- Scientific Indexing Services (SIS),
- Ulrich's Periodicals Directory,
  CrossRef, CiteFactor, InfoBase Index,
- -Google Scholar, OpenDoar,
- -international open access search registry Repository Mandates and Policies, etc.





### Issues and problems covered by the authors of the articles:

- Implementing Smart Statistics Toolkit in the Official Statistics;
- The impact of the Polish-Ukrainian borderland on the local community well-being;
- Statistical Methods for Quality Control: A Tool for Data Analysis in the Statistica Package;
- Experience in Household Sample Surveys in the Official Statistics of Ukraine;
- Counteracting the Risks of International Investment in the Conditions of War
- Statistical Assessment of Sustainable Urban Water Ecosystems;





- The Employment in Ukraine and the World;
- Information and Analytical Support for the Management of Law Enforcement and Socio-Economic Activities;
- Interaction of Social Capital Forms in the Structure of Civil Society Networks;
- Using Electronic Resources for Investigating the Impact of COVID-19 on the Mortality Growth in Poland and Ukraine;
- The Mortality from External Causes: Impact of the COVID-19 Pandemic and the War in Ukraine;
- Harmonizing Non-financial Information of Business Enterprises in the European Union and Ukraine.





### 1. Implementation of Smart-statistics tools in official statistics (Osaulenko, Gorobets).

The article considers topical issues of Smart-statistics, formulates the concept of Smart-statistics and identifies the advantages and threats to official statistics when using Smart-statistics data. The artificial intelligence (AI) as a component of the concept of Smart-statistics is considered.

It is concluded that, despite all the advantages of Smart-statistics tools and the potentially positive results of their implementation in official statistics, given the conditions of war and the lack of a regulatory framework for the use of these tools, Ukraine is not yet ready to face the threats they pose.





# The Impact of The Polish-Ukrainian Borderland on The Local Community Well-Being (Wlodzimierz Okrasa).

This article discusses selected results of a comparative study aimed at understanding the relationship between location specifically within the borderland, understood as the area within 50 km of the Polish-Ukrainian border, on the one hand, and community development, on the other hand, from the Polish-Ukrainian border on both sides - and community development, on the one hand, and its impact on the wellbeing of residents, households and individuals, on the other hand. As emphasized in the general hypothesis underlying this study, the importance of being located in such areas (both for communities and individuals) is due to the cross-border nature of the both for communities and individuals) is due to the cross-border economic activity, which was quite intense before the February 2022 events.





### Countering the risks of international investment in times of war (Olga Vasyechko)

The study aimed to identify the critical components of protecting foreign investors during wartime on the example of Ukraine and taking into account different categories of investors. Military risks are characterized by a much higher level of uncertainty than peacetime risks, and are extreme in nature, which means that they can have devastating consequences for an investor despite the low probability of their occurrence. This demonstrates the expediency of a systematic approach to the formation of a state policy for attracting foreign direct investment in wartime, taking into account different categories of investors and with a special emphasis on risk management tools that can increase the level of security and confidence of investors.





#### Massive crises in the latest decades

| 1982       | The Global Debt Crisis                     |
|------------|--|
| 1994       | The Mexican Peso Crisis                    |
| 1997       | The East-Asian Crisis                      |
| 1998       | The Russian Default                        |
| 1999       | The Russian a The Brazilian Crisis Default |
| 2001/ 2002 | The Argentine Catastrophe                  |
| 2008       | The Global financial crisis                |
| 2012       | The Eurozone debt crisis                   |
| 2009/ 2019 | The European sovereign debt crisis         |
| 2022       | Russian armed aggression against Ukraint   |





# Using electronic resources to study the impact of COVID-19 on mortality in Poland and Ukraine (Maryna Puhachova)

The purpose of the article is to explore the possibilities of using electronic resources to analyze the impact of the COVID-19 pandemic on mortality in Poland and Ukraine. Using the experience of Polish experts, some recommendations are presented for the introduction of additional electronic tools in the field of health care in Ukraine, in particular for predicting epidemic threats and diagnosing infections.





#### Thank you for your attention!