

Improving statistical literacy

Advancing statistical literacy for young people and educators



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The project

In today's data-driven world, enhancing statistical literacy has never been more important. This is especially the case in the education sector, where there is significant potential to boost statistical literacy.

In line with the European Statistical System (ESS) Innovation Agenda, Eurostat's project on improving statistical literacy is dedicated to advancing the statistical literacy of both young people and educators.

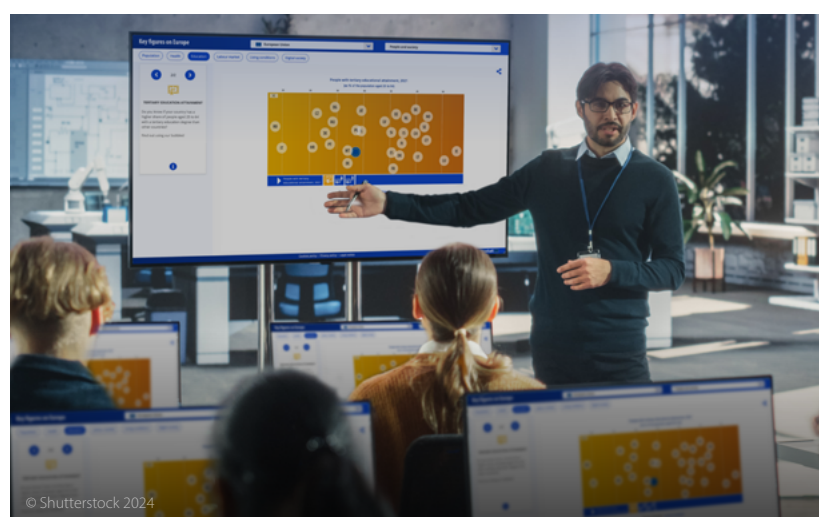


The motivation

As new technologies and sources of information spread, it is increasingly important for everyone to understand data in most fields. Making official statistics easier to grasp is a key step towards improving statistical literacy in society.

Recognising the need to improve statistical literacy in the education sector, Eurostat is committed to creating resources that make the learning and understanding of statistics accessible at all levels.

Through these efforts, Eurostat aims to equip educators and students alike with the skills necessary to navigate and interpret the data-rich world we live in.



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The methodology

The project builds on the work carried out on statistical literacy within the Expert group on dissemination of European statistics, sharing best practices and creating a repository of statistical literacy documents on the Eurostat website.

More specifically, its approach involves:

- ensuring a solid range of statistics-based literacy products and increasing their uptake;
- engaging with the education community at different academic levels;
- adapting statistics-based literacy products to different types of users, depending on their age and education;
- sharing good practices, and learning from successes and opportunities;
- promoting stock case exercises of challenges and the need for literacy.

For young people:



- [Statistics for beginners](#).
- The [European Statistics Competition](#) is a competition organised by Eurostat and volunteering National Statistical Institutes addressed to secondary education students with the purpose of encouraging students to get familiar with statistics and official statistical sources.
- [Statistical quiz](#) (available in all EU languages).
- [Infographics](#).
- [Video on inflation](#) (with subtitles in all EU languages).



For exploration of statistics in an engaging way:

- [Data visualisation and dashboards](#) (e.g. [Young Europeans interactive tool](#)).
- [Interactive publications](#).



For professional audiences:

- The Eurostat podcast series '[Stats in a Wrap](#)':
- [Webinars explaining European statistics](#) in an understandable manner:
- [Statistics explained](#).
- [European Master in Official Statistics](#) – accredited master's programmes in official statistics.
- [The European Statistical Training Programme](#) (ESTP) aims to provide European statisticians with the opportunity to participate in international training courses, workshops and seminars at postgraduate level to meet the challenges of comparable statistics at European and international level.
- Statistical literacy newsletter: [Subscription form](#)



The team

Member States involved:

The project has been launched in the framework of the Expert group on dissemination of European statistics. It works on improving data literacy, especially among young people. Another of its aims is to share good practices among Member States.

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The timeline

- **Project initiation:** 2023
- **Estimated time to deliver impact:** Continuous delivery



More information

- [Education corner](#)