



EUROPEAN CONFERENCE ON
QUALITY IN OFFICIAL STATISTICS
2024 ESTORIL - PORTUGAL

ASSESSING THE QUALITY STATISTICS ON CATALONIA BY MEETING USER NEEDS

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6 June, 2024

Speed Talk Session 8: Statistics and
decision-making / user engagement



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Next Statistical Plan of Catalonia (SPC)

The elaboration of the next SPC aims to include **new sources** of emerging data, the use of **new technologies**, and **updating the legal framework** in compliance with the European Statistics Code of Practice (CoP).

As part of the preparatory work for the next SPC, the Statistical Institute of Catalonia (Idescat) set up several **working committees** to evaluate the quality of the current statistics production by the Catalan Statistical System (CSS) and make new proposals.

Two of the committees carried out:

- 1) the analysis of the **degree of alignment** of the Catalan official statistics **with the EU statistical regulatory framework**
- 2) a **structured consultation** addressed to users and experts



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Treballs per a la proposta del
Pla estadístic de Catalunya 2023-28

Consulta sobre la situació i les perspectives de l'estadística oficial catalana

Consultation on the situation and
perspectives of Catalan official statistics



 Generalitat de Catalunya
Institut d'Estadística de Catalunya

<https://www.idescat.cat/serveis/biblioteca/docs/cat/tpec2023281.pdf>



The structured consultation: **main goals**

Idescat conducted a structured consultation directed to **130 users** from different public administrations, institutions, research entities, and individual users.


✓ Its main objectives were:

- to provide a broad external assessment of the **current** content of the CSS and its dissemination
- identify and priorities of **possible new content** (indicating whether they are part of the EU statistical regulations or not) to be included in the next SPC

All statistical products included in the current SPC were evaluated, as well as those statistical products available in **other European statistical systems** (and not included in Catalonia's current statistical plan)



The structured consultation: **contents**

- 313 current statistical operations were evaluated by the frequency of **use** and the compliance with (5) **principles** of CoP on **statistical output** 
- Suggest improvements based on the following **four dimensions**:
 - Territory
 - Periodicity
 - Concepts
 - Classifications
- Assessment of **potential** statistical projects included in the questionnaire
- Identification and prioritization of **possible new** statistics
- Assessment and suggestions on Idescat's **dissemination** services and tools



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The structured consultation: **some results**

Evaluation of relevance by **topics** and types of **respondents**





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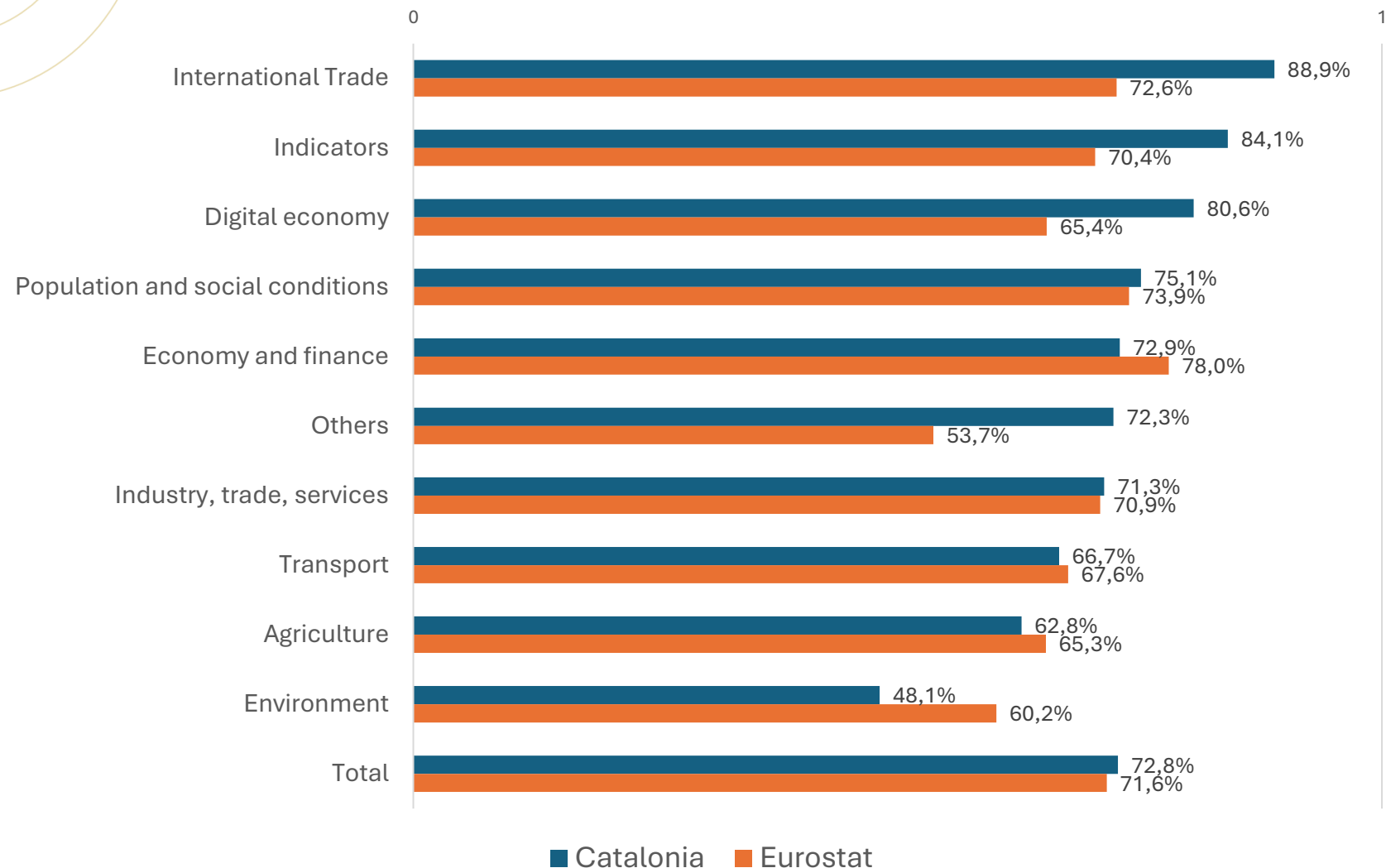


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The structured consultation: **some results**

Relevance: % "high"/"very high" responses by topics (**Catalonia & Eurostat**)





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The structured consultation: **new statistics**

Suggestions for new statistical operations

- **new economic statistics** emphasizing foreign economic relations and new satellite accounts.
- **demographic statistics:** measures of mobility, increasing spatial disaggregation, and improving the timeliness of data.
- **labour market:** statistics on self-employment.
- fields of education, health, and social protection: focus on opportunities to enrich current statistical information with a **combination of other non-statistical sources.**



The structured consultation: **findings**

Findings from the consultation

- Statistical areas with the **highest frequency of use** are labour, demography, living conditions and social protection.
- According to the principle of relevance, **educational statistics** are considered the most relevant. It is also worth noting the statistics on living conditions and social protection.
- **Research activity of third parties:** emphasize the convenience of accessing (micro) data of statistical and administrative origin, from speeding up their availability and the data resulting from the integration of multiple sources.
- The comparison with the 2010 Spanish consultation: the statistical actions on living conditions, education, social protection, health, social services, economic accounts, and labour market are considered **more relevant** in Catalonia than in other territories.



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Thank you for your attention

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- **5 principles** of European Statistics Code of Practice on statistical output

- ❖ Relevance
- ❖ Accuracy and Reliability
- ❖ Timeliness and Punctuality
- ❖ Coherence and Comparability
- ❖ Accessibility and Clarity





Questions to be addressed

- Include entities/persons **irrespective of their status** as users of official statistics.
- **Weight respondents' ratings** according to the frequency of use of each statistic assessed.
- Assess **all statistics** (current or/and new) or **only those that are known/used**. Effects on the "relevance" dimension: propensity to rate only the most relevant statistics and high correlation with frequency of use.
- Include an **overall assessment** of the set of statistics produced (either by areas or sub-areas) and for each statistic considered.
- **The exogenous character of relevance** vs. the rest of the dimensions of statistical quality (endogenous): implications for modelling the overall quality (by components).