

Official statistics at a crossroads

Growing user demands in the world awash with data



Andres Vikat

ANO Eiropas Ekonomikas komisija

#STATISTIKA100

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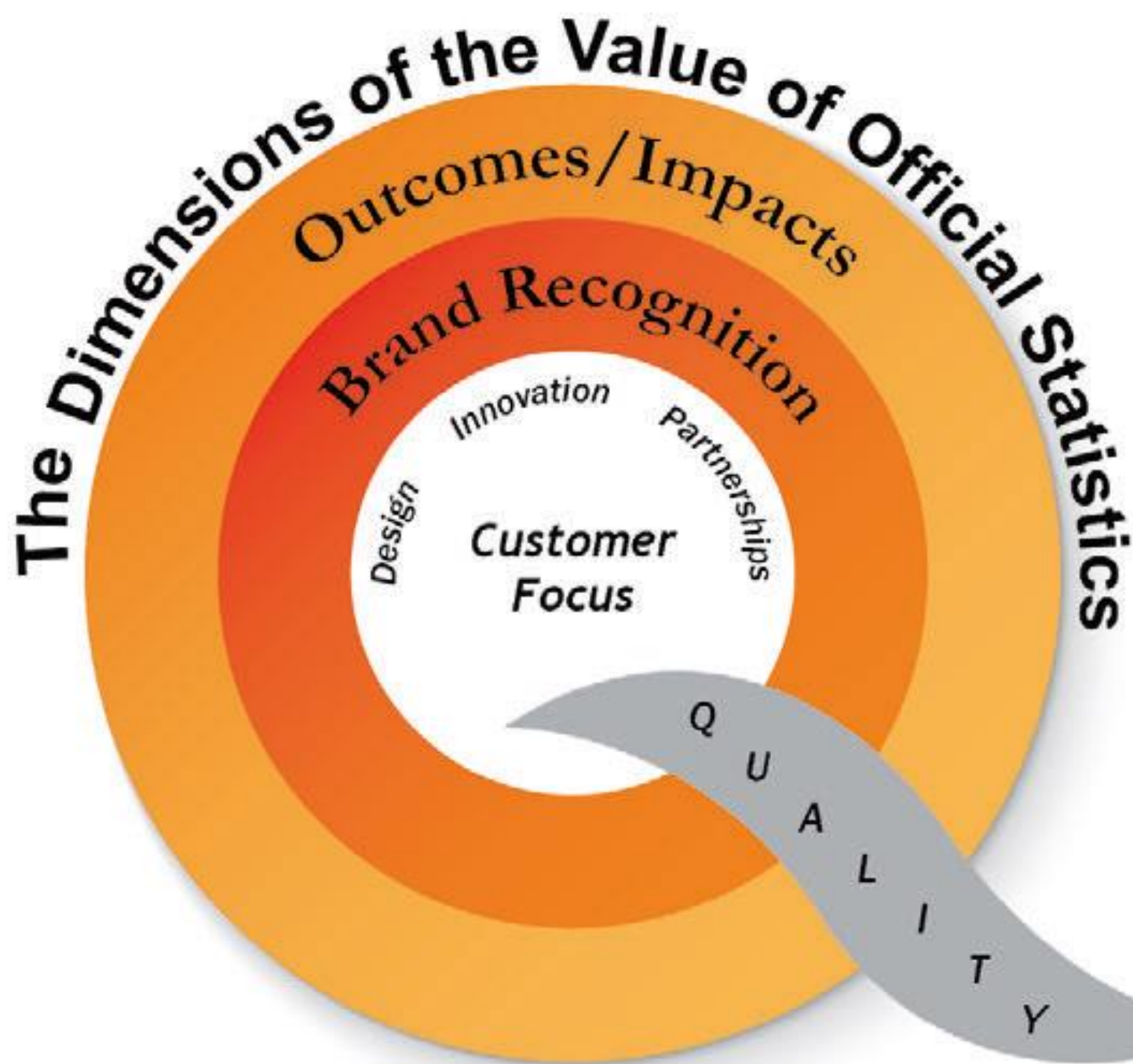


Fundamental Principles of Official Statistics

1. Relevance, impartiality and equal access
2. Professional standards and ethics
3. Accountability and transparency
4. Prevention of misuse
5. All types of sources for official statistics
6. Confidentiality of individual data
7. Legislation to be made public
8. National coordination of statistical agencies
9. Use of international standards
10. International cooperation to improve

Challenges for official statistics

- ❖ New, stronger and more complex demands
 - ✓ E.g. SDGs
 - ✓ E.g. small population groups, localities
- ❖ Tightening budgets -- demonstrate effectiveness
- ❖ Technological advances to be harnessed
- ❖ World is awash with data:
 - ✓ Other producers of data and statistics
 - ✓ Big data



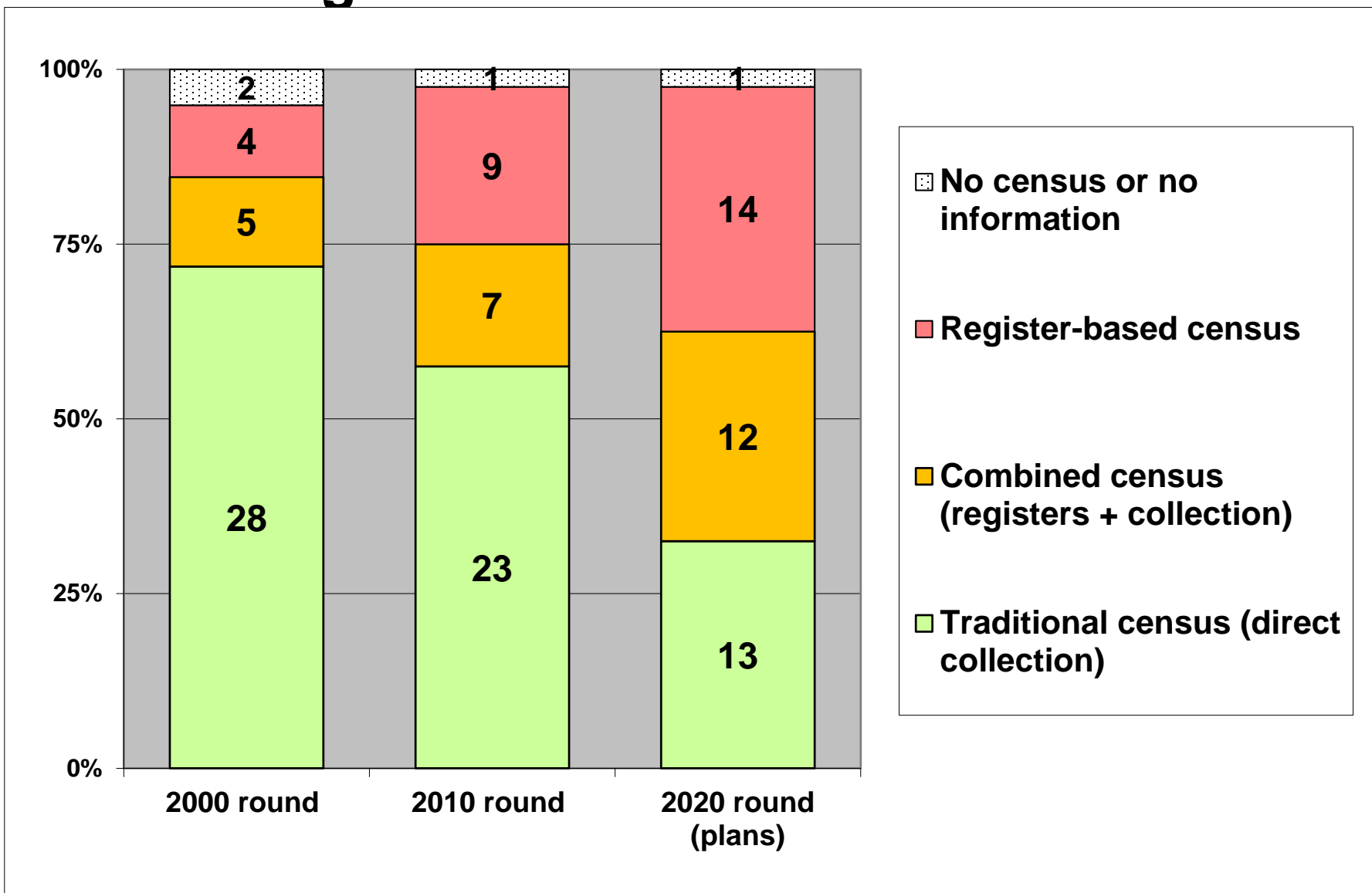
Value of official statistics: how to maintain and strengthen?

- ❖ Uphold the Fundamental Principles
- ❖ Meet user needs. Work with them. Design products in the way that suit them
- ❖ Innovate
- ❖ Engage in partnerships
- ❖ Brand
- ❖ Measure the use of official statistics
- ❖ Exchange experience internationally

Population and Social Statistics

- ❖ Measure what matters
- ❖ Renew tools – e.g. time-use surveys
- ❖ Admin data – paradigm change
- ❖ Integrate data
- ❖ (Big data)

Evolution of census methods in the UNECE region



Source: UNECE Census Wiki and other information available at UNECE

Challenges with censuses

- ❖ Increasing use of data from multiple sources/collection modes
 - Need to track responses from multiple sources
- ❖ Increasing use of technology (e.g. Internet response, tablets for enumerators)
 - Risks associated with possible IT failures
- ❖ Assessing quality of census results when using registers and/or multiple sources is complex!
 - Need to develop new methods (UNECE Task Force)

Beyond the 2020 census round

- ❖ Paradigm shift towards registers
- ❖ Population base – methodological challenges
- ❖ Ensure coverage and quality with the new approaches
- ❖ Geospatial data
- ❖ Estimation models
- ❖ Big data
- ❖ Various tradeoffs

Happy birthday Statistics Latvia!