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Producing Quality Official Statistics: A Shared Experience

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Outline

- Common drivers of change
 - Modernize the legal framework
 - Demand for faster access to more data
 - Rise of un-designed data
 - Strategic partnerships
 - Register-based censuses
 - Geospatial information
- Common goal: quality official statistics
 - Fundamental Principles
 - Quality Frameworks
 - Validation of statistical outputs
 - Quality assessment



Modernize the legal framework

- Coordination of the National Statistical System
- Cooperation between federal departments
- Professional independence of the National Statistical Office



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Faster access to more data

- Quality commitment
- Expectations of stakeholders



Designed versus un-designed data

- Declining response rates
- Administrative data
- “Big” or un-designed or organic data
- Work already started on many fronts



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Strategic partnerships

- Information industry
- Mutually beneficial
- Governance and legal framework



Register-based censuses

- Moving forward from universal enumeration
- Administrative registers
- International comparability



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Geospatial information

- Link statistics to location
- Dissemination at low levels of geography
- Disclosure risk



Fundamental Principles

- 20th anniversary in 2014
- Re-adoption by United Nations Statistical Commission
- Implementation guidelines



Revising quality frameworks

- UNECE generic National Quality Assurance Framework
- OECD recommendations on good statistical practice
- ES Code of Practice second revision
- Statistics Canada Quality Assurance Framework 2016 revision



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- Transparency, reliability
- Certification
- Indicator frameworks



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Conclusions

- Common goal
- Common drivers of change
- Common challenges
- Continued collaboration