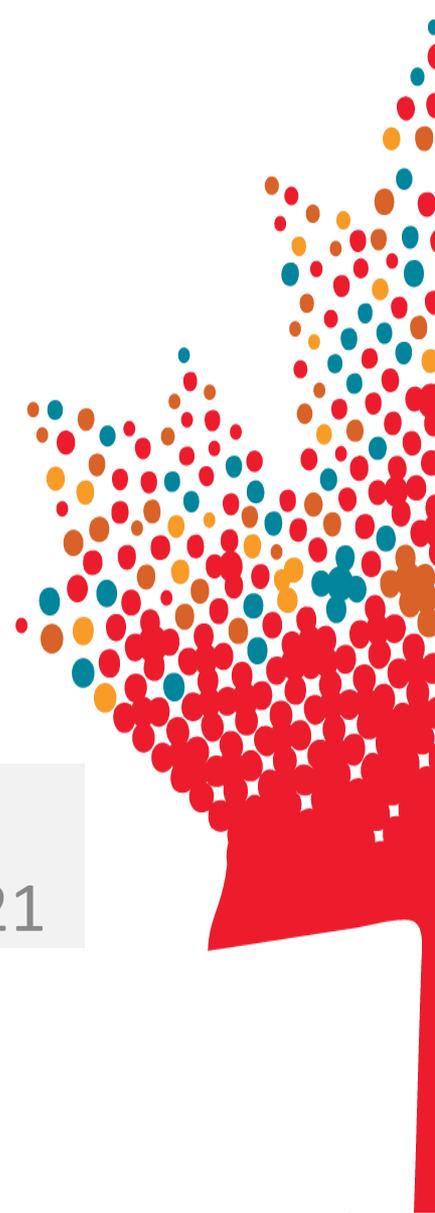


Private sector administrative data and the Canadian Statistical System

US Academy of Science
Committee on National Statistics – Dec 9 2021



Statistics Canada's Approach to Data Stewardship

100



Data Quality

High quality, certified data maintains trust and transparency

Reduce time spent verifying and validating data



Data Standards

Ensure interoperability, comparability and facilitate data linkage

Remove the burden of developing and adapting to standards yourself

Adhere to changing industry standards



Data Management

Ensure data is protected, used and shared in a fair, safe and equitable way

Ensure transparency of data use and centralized governance of assets based on rules and policies



Data Sharing & Access

Alignment to FAIR principles: findable, accessible, interoperable, reusable

Reduce time spent finding data

Data stewarded by Statistics Canada under the *Statistics Act*



Data Strategies

Implement successful data strategies to solve problems and answer policy questions

Use data as a strategic asset

Ensure alignment to the Data Strategy for the Federal Public Service



Subject Matter Expertise

Leverage our subject matter expertise to help measure social and economic issues and derive insights



Data Science

Meet evolving, data-driven needs

Implement a new scale of knowledge work automation

Review machine learning processes



Data Analytics

Leverage world-leading expertise

Increase the value of insights/outputs leading to better outcomes for Canadians

Better understanding of how to use data



Data Governance

Clear roles and responsibilities around data

Ensure health of national statistical system

Access to national and international partnership networks



Data Protection

Protection of privacy and confidentiality

Maintain trust and social license

Ensure data is protected and shared in a fair, safe and equitable way



Data Literacy

Increase skills and competencies needed to understand and use data

Increase/optimize the use of data for decision and policy-making



Data Intake and Integration - How do we get there?

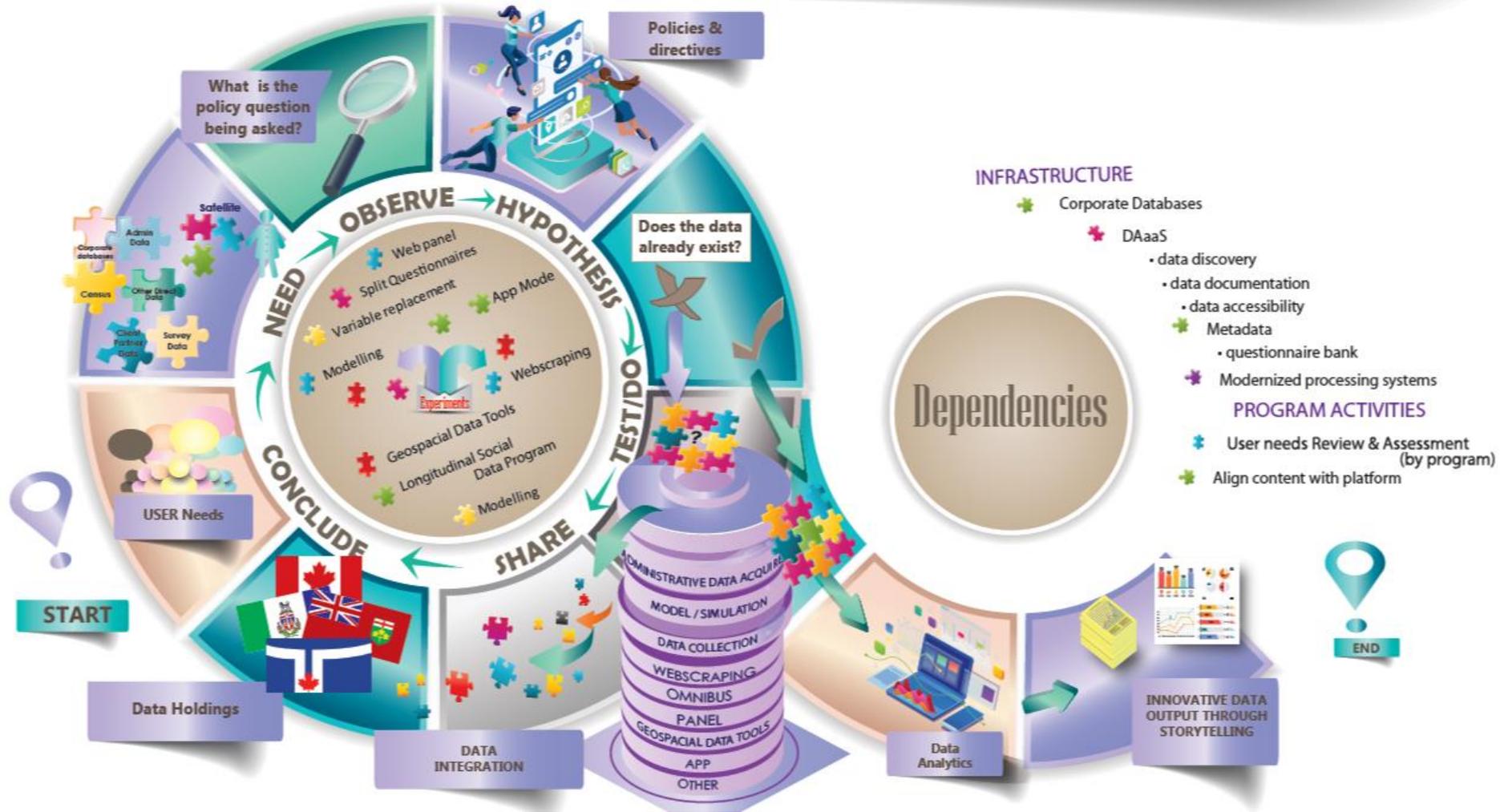
A user-centric approach to data needs

Better sharing and collaboration through strong partnerships

Leading edge methods and data integration

Whole-of-government integrated approach to collection, analysis and use of data

Modern and flexible operations



The Trust Centre

Vision: A platform for ongoing dialogue and transparency with Canadians about how we:

- ✓ Collect and use data for their benefit
- ✓ Modernize to meet evolving data needs
- ✓ Ensure data are secure, protected and anonymized

Mission: Answer questions from data providers; platform to document external engagement efforts

