

High standards: a common language for public data

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High Standards: A Common Language for Public Data

**Tom Dufour, Director General - Strategic Data
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Panel Discussion – Global Government Forum, February 23, 2021



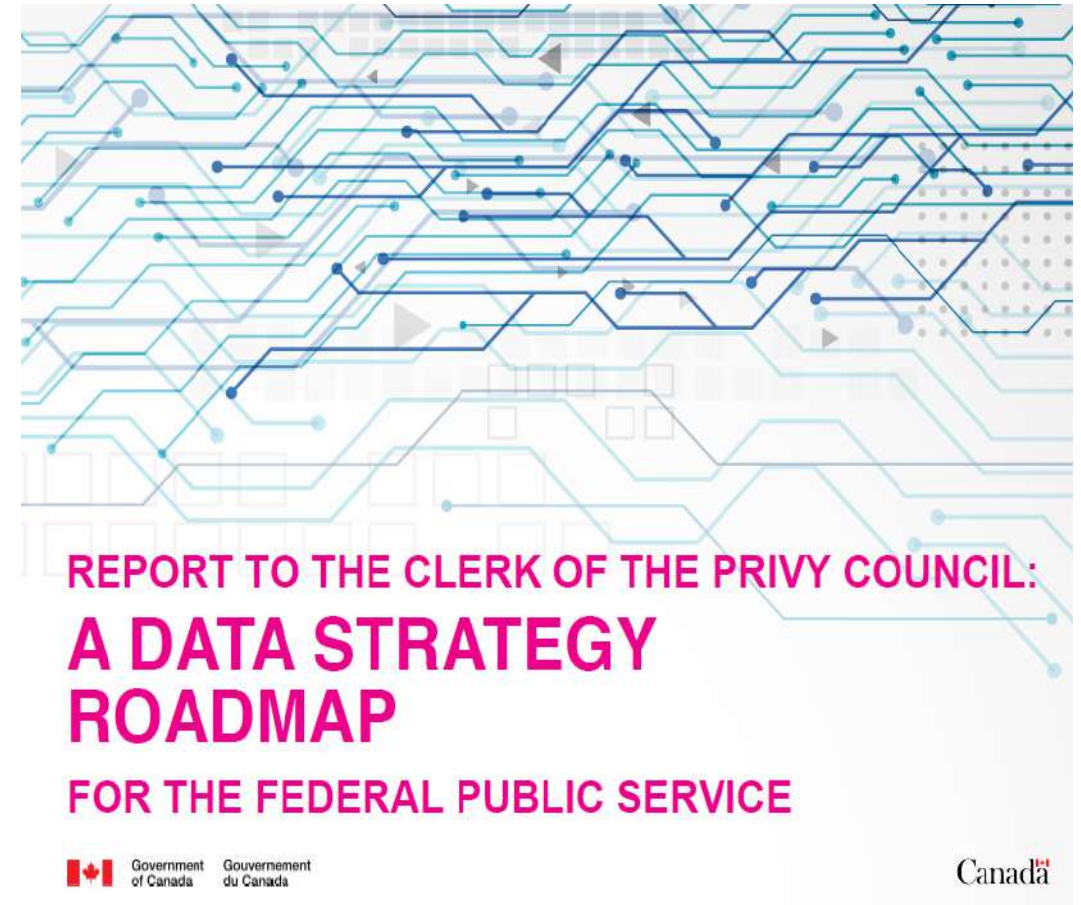
Delivering insight through data for a better Canada

Data is a team sport... we must work together to drive a whole-of-government approach

Statistics Canada, the Privy Council Office and the Treasury Board Secretariat collaborated and in 2018, they put forward **A Data Strategy Roadmap for the Federal Public Service.**

The **recommendations** in this **roadmap** are structured around four themes:

- Stronger **governance**
- Improved **data literacy** and **skills**
- Enabling **infrastructure** and **legislation**
- And more focused treatment of **data as a valuable asset**



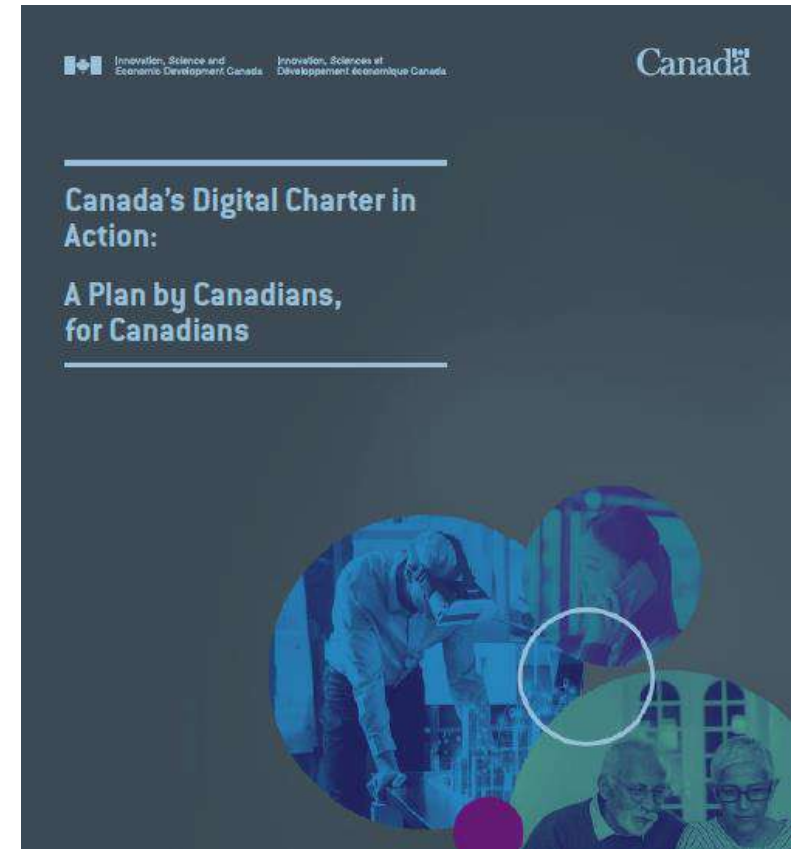
Agency is also shaping the Canadian Standards landscape

- Data Governance Standardization Collaborative (DGSC): a cross-sector coordinating body with the objective to **accelerate the development of industry-wide data governance standardization** strategies through coordination and collaboration, as a tool to support the **innovation ecosystem**, ensuring Canadian companies remain **competitive, globally**.

Canadian Data Governance Standardization Collaborative



Visit the DGSC: <https://www.scc.ca/en/flagships/data-governance>



Standards in Action

The Agency is moving to advance the standards agenda:

- A partnership in addressing gaps in standards through the new Canadian Research and Development Classification a “huge step forward” for strengthening Canada’s R&D data
- Establishment of Energy Data Standards to support Canadian Centre for Energy Information (CCEI)
- Advancement of Disaggregated Data Standards to support Government of Canada Priorities
- Collaborative Data Spaces in support of the COVID-19
- Reference data as a Service, open interoperable information for the Government of Canada
- International partnership on whole of government approach to classification (reference data) management

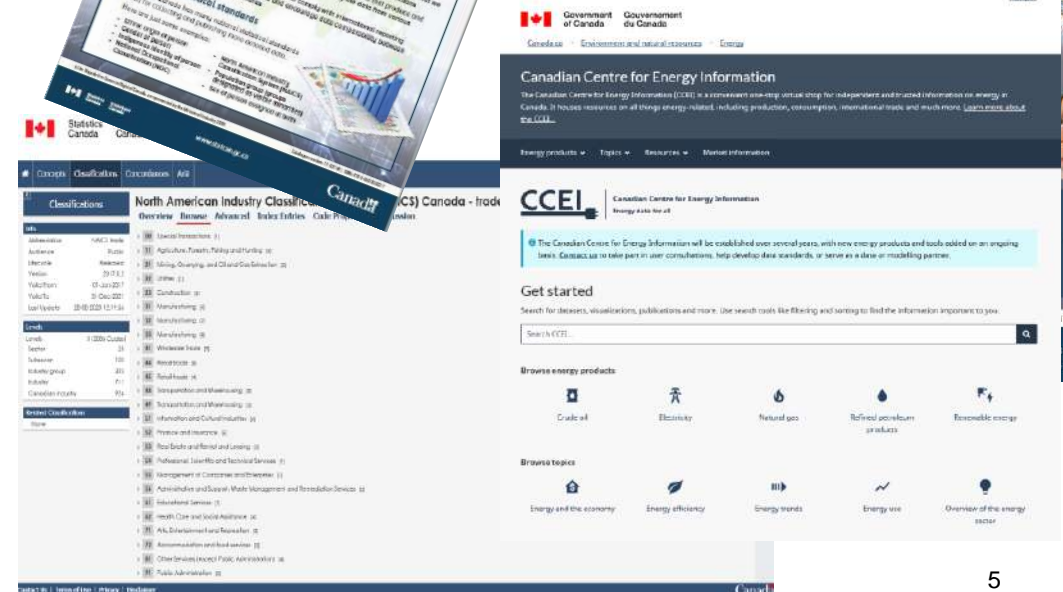


Statistical standards:
A national research and development standard

The Canadian Research and Development Classification (CRDC)
is a set of three interrelated classifications of R&D by:

- ✓ Type of activity
- ✓ Field of research
- ✓ Socioeconomic objective

- Benefits of the CRDC**
- Provides a common language for discussing research, enabling better evidence-based decision making within the research ecosystem
 - Makes it possible to identify expertise and research areas in a truly multidisciplinary classification
 - Improves the identification of emerging research fields
 - Provides researchers with harmonized and integrated R&D classification
 - Improves reporting on the agencies' combined contributions to R&D in Canada
 - Improves data processing and quality in R&D investments at the national level for Statistics Canada



Thank you/Merci

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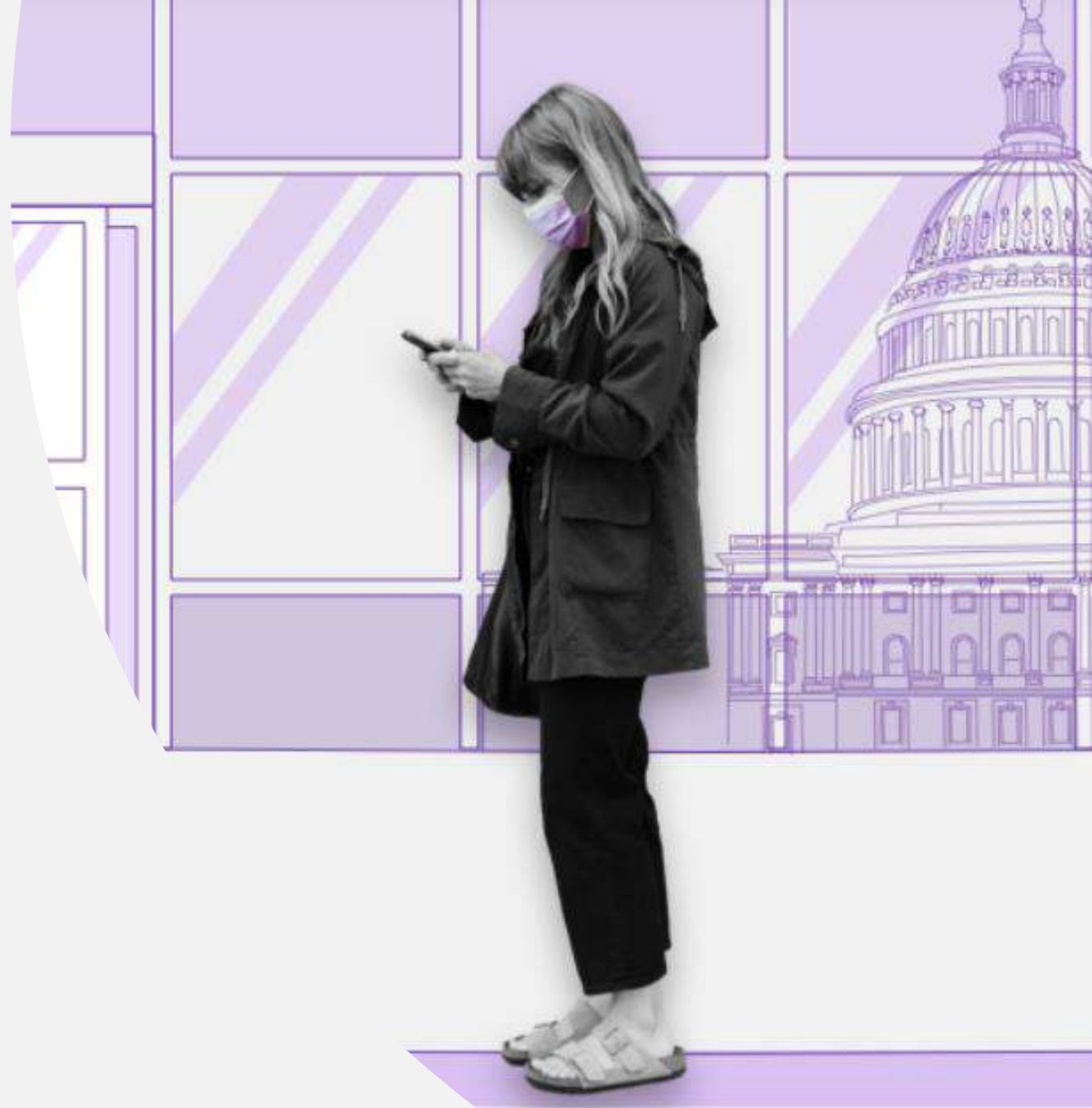
DATA TRANSPARENCY AND STRATEGY

OFFICE OF THE CHIEF
DATA OFFICER



OUR FISCAL DATA VISION

To create a public that is engaged and informed about public sector finance and has trust in government.



DATA FOR THE PUBLIC: USASPENDING.GOV

The U.S. Treasury's Fiscal Service operates USAspending.gov, which provides a central access point to spending information from over 100 federal agencies, including information on their contracts and grants.

USAspending.gov

As of December 31, 2020, the Federal Government has spent **\$1.73 trillion** in response to COVID-19.

Direct Assistance Loans: \$23,884,604,541

Continuing Agency Advances: \$19,683,483,000

COVID-19 Spending Data

- Speed up data from the federal government's response to COVID-19 by using the COVID-19 Spending Data tool. This tool provides a central access point to spending information from over 100 federal agencies.
- Use the tool to view and download data on COVID-19 spending by agency, by state, by program, and by award type.
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COVID-19 Advanced Search Filter

Use the new dashboard to filter and download data on COVID-19 spending. The tool provides a central access point to spending information from over 100 federal agencies.

Federal Awards in Response to COVID-19

Who received funding through COVID-19 awards?

Number of Recipients	Award Obligations	Award Status	Number of Awards
7.1 Million	\$44.4 Billion	\$403.1 Billion	9.6 Million

Map showing the distribution of awards by state.

YOUR GUIDE TO AMERICA'S FINANCES

The Fiscal Service also operates a data site called the Data Lab, which focuses on data storytelling, and includes a project called Your Guide to America's Finances.

YOUR GUIDE TO AMERICA'S FINANCES

How much money did the federal government collect and spend in 2020?

Interested in learning about the deficit or federal debt? Keep reading to jump to the deficit and federal debt section.

- 01 Federal Revenue
- 02 Federal Spending
- 03 Federal Debt
- 04 Federal Debt

In 2020, the federal government **collected \$3.42 trillion in revenue.**

Show me what \$3.42 T is equal to

The federal government collects revenue from a variety of sources, including individual income taxes, payroll taxes, corporate income taxes, and excise taxes. It also collects revenue from services like admission to national parks and customs duties.

What makes federal revenue increase or decrease? +

Learn more about **Federal Revenue**

In 2020, the federal government **spent \$6.55 trillion.**

Show me what \$6.55 T is equal to

The federal government funds a variety of programs and services that support the American public. The federal government also spends money on interest it has incurred on outstanding federal debt, including Treasury notes and bonds.

Who controls government spending anyway? +

DATA LAB

By the end of 2020, the federal government had \$26.95 trillion in federal debt.

How did we end up with \$26.95 trillion in federal debt? When the U.S. government has a deficit, most of the deficit spending is covered by the government taking on new debt. It is similar to a person using his or her credit card for a purchase (rather than cash, check, or a debit card) and not paying the full credit card balance each month. Over the years, if the federal government experiences more deficits than surpluses, the federal debt grows.

• = \$1 billion

How does the national debt compare to the deficit and the size of the economy?

Deficit | U.S. Economy

Who owns the federal government's debt? +

How has the federal debt changed over time?

When you are done here, we encourage you to explore trends in the federal debt since 2000.

Explore

26,952 dots x \$1 billion = \$26.95 trillion

DATA STRATEGY AT THE FISCAL SERVICE

In 2019, the U.S. Congress passed the Evidence-Based Policymaking Act, which requires federal agencies to begin modernizing their approach to managing data. The Evidence Act required the government's largest agencies to appoint chief data officers, and to create data governance bodies to make decisions about data from the enterprise perspective. At the Fiscal Service, our data strategy focuses on three target audiences, and has three main goals.

