



Treasury Board of Canada
Secretariat

Secrétariat du Conseil du Trésor
du Canada

Canada

Open.Canada.ca : Update and Next Steps

Open Government

Chief Information Officer Branch

Treasury Board of Canada Secretariat



What is Open Government?

- **Open Government** is about greater **openness and accountability**, strengthening **democracy** and **citizen participation**, and driving innovation and economic opportunities for all Canadians
 - ✓ A key Government of Canada priority
 - ✓ A recognized international movement
 - ✓ An opportunity for public servants to more effectively deliver the programs and services Canadians want and expect

Open Government has a critical role to play in a changing digital landscape

- Data and information are the new currency; government transparency is an expectation.
- Citizens' trust in government is low; 46% of Canadians trust government institutions
- Anti-establishment movements growing; proliferation of fake news world-wide.
- Private sector actors are creating new products and services for Canadians; Government has fallen behind.

History of Open Government in Canada



1983

- *Access to Information Act, and Privacy Act*



2011

- Open data portal, data.gc.ca, in March 2011



2012

- Canada joins Open Government Partnership (OGP); 1st Plan



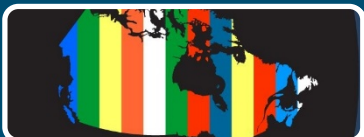
2014

- *Directive on Open Government*; new online portal; 2nd Plan



2015

- Mandate letters published



2016

- Ontario joins first OGP sub-national cohort; OG initiatives in 50+ cities



2017

- Canada elected to OGP Steering Committee; 2017-19 co-chair

Migration of open.Canada.ca

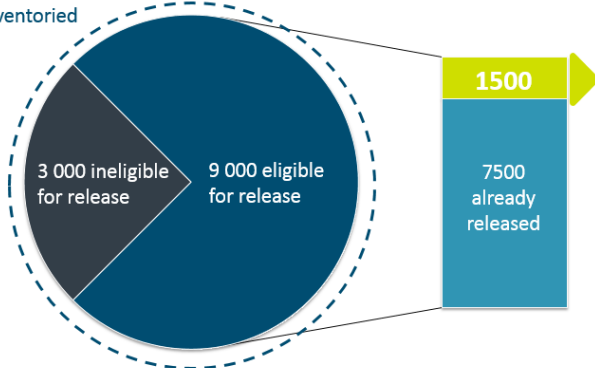
- Open.Canada.ca has been managed by Statistics Canada since 2012 via an MOU
- Now, open.Canada.ca will be hosted in an Azure Cloud and managed by TBS
- Update to Drupal 8
- Goal : Architecture that is scalable and adaptable to the growing requirements for open.canada.ca,
- Create well defined architectures, with standardized technology stacks and managed roadmaps
- Reduce develop and maintenance costs,
- Leverage and support collaboration with open source community

The screenshot displays the open.Canada.ca website interface. At the top, there is a navigation bar with the Government of Canada logo and bilingual text: "Government of Canada" and "Gouvernement du Canada". A search bar is located on the right side of the header. Below the header, a horizontal menu contains various service categories: Jobs, Immigration, Travel, Business, Benefits, Health, Taxes, and More services. The main content area is titled "Open Government" and includes a sub-header "Open Government" with a red underline. Below this, there is a brief description of the Open Government Portal and a search bar with the text "What are you looking for?". The page is divided into several columns. The left column features sections for "Open data", "Open dialogue", and "Open government across Canada". The middle column has "Open Information" and "About Open Government". The right column includes a "Follow" section with social media icons, a "Mid-Term Self-Assessment Report on Canada's Third Biennial Plan to the Open Government Partnership" with a star rating, a "New and updated datasets" section with a list of links, and a "Latest blogs" section with a list of links. At the bottom of the page, there is a "Date modified: 2017-12-14" and two buttons: "Feedback" and "Share this page".

Open Data Inventory

- Deliverable of Directive on Open Government, Ministerial Mandate Letter Commitments
- Completed by 60% of Departments
- 1500 new datasets were identified
- Departments established tighter governance processes

12 000 Total datasets inventoried



NEW datasets that can potentially be released on open.canada.ca

Government of Canada / Gouvernement du Canada

Search Canada.ca

Jobs | Immigration | Travel | Business | Benefits | Health | Taxes | More services

Home → Open Government → Open Data

Open Data Inventory

The [Directive on Open Government](#) requires all applicable Government of Canada organizations to conduct an Inventory of their open data holdings. All of the Inventories we received have been consolidated into the chart below. Use the thumbs up to help prioritize the release of a dataset. To access the open data used to create the table, visit [Open Data Inventory](#).

To learn more about the Government of Canada's Open Data Inventory, review the [frequently asked questions](#).

Keywords: Organizations: Items per page: Search

Displaying 1 - 10 of 5958

Title	Description	Organization	Date Published	Date Released	Vote
2017 Monthly aviation occurrence statistics	This document provides Canadians with an annual summary of selected aviation safety data. The TSB gathers and uses this data during the course of our investigations to analyse safety deficiencies and identify risks in the Canadian transportation system.	Transportation Safety Board of Canada	2017-01-01	2017-07-12	4
2017 Monthly marine occurrence statistics	This document provides Canadians with an annual summary of selected maritime safety data. It covers commercial vessels, which include all vessels registered or licensed to operate commercially. Pleasure craft occurrences are not normally included unless they also involve a commercial vessel. The TSB gathers and uses this data during the course of our investigations to analyze safety deficiencies and identify risks in the Canadian transportation system.	Transportation Safety Board of Canada	2017-01-01	2017-07-12	3
2017 Monthly pipeline occurrence statistics	This document provides Canadians with an annual summary of selected pipeline safety data. It covers federally regulated pipelines only. Non-federally regulated data reported to the TSB are not included in this report. The TSB gathers and uses this data during the course of our investigations to analyse safety deficiencies and identify risks in the Canadian transportation system.	Transportation Safety Board of Canada	2017-01-01	2017-07-12	3
2017 Monthly railway occurrence statistics	This document provides users of Canadian railway safety data with a monthly summary of selected statistics on rail occurrences. It covers federally regulated railways only. Non-federally regulated data reported to the TSB are not included in this report.	Transportation Safety Board of Canada	2017-03-06	2017-07-12	3
Annual Survey of Co-operatives	2011 and 2012 survey data of co-operatives in Canada	Innovation, Science and Economic Development Canada			3
Completed Access to Information Requests	Information about ATI requests previously made to the Government of Canada.	Innovation, Science and Economic Development Canada	2004-03-31		2

Open Maps

- Open Maps provides access to the Government of Canada's geospatial information.
- Users can combine, visualize, and analyze geospatial data and collaborate with other Canadians.
- Currently we have over 700 Mapable datasets



CKAN 2.5 – Open Government Registry

- Update to our CKAN instance – Open Government Registry
- Code available on Github
- Major contributions to our international partners
- Integrated Search for Open Data and Open Information
- Open Government Metadata Application Profile
- Standardize data – Proactive Disclosure and ATI Summaries

The screenshot shows the Open Government Registry website. At the top, there is a header with the Government of Canada logo and the text "Open Government Registry". Below the header is a navigation bar with links for "Open.Canada.ca", "Add to Portal", "Search", "Organizations", "FAQ", and "Log out". A search box is located on the right side of the header. Below the navigation bar, there is a user status bar indicating "Signed in as hiltala1" with links for "Admin", "Dashboard", and "Edit Profile". A green notification bar states "Note: hiltala1 is now logged in". Below this is a light blue banner for "Upcoming Maintenance!" with a message about a freeze on publishing new content or records from December 13 to December 20. The main content area is titled "Quick Links" and contains a welcome message. Below the welcome message, there are two columns of links, each with a brief description of the link's purpose. The links include: Open Data Records, Open Information Records, ATI Summaries, Proactive Disclosure - Contracts over 10K (Quarterly), Proactive Disclosure - Aggregated Contracts from -\$10K to \$10K, Proactive Disclosure - Hospitality Expenses, Proactive Disclosure - Travel Expenses, Proactive Disclosure - Annual Travel, Hospitality and Conferences, Proactive Disclosure - Grants and Contributions, Proactive Disclosure - Position Reclassification, Proactive Disclosure - Acts of Founded Wrongdoing, Open Dialogue - Consultations, Open Data Inventory, Search your Organization Records, Search All Records, and View Members of your Organization.

Government of Canada / Gouvernement du Canada

Open Government Registry

Open.Canada.ca | Add to Portal | Search | Organizations | FAQ | Log out

Signed in as [hiltala1](#) | Admin | Dashboard | Edit Profile

Note
hiltala1 is now logged in

Upcoming Maintenance!
Please note that while we migrate our Infrastructure from Wednesday, December 13 to Wednesday, December 20, there will be a freeze on publishing any new content or records to the Open Government Portal. For any Issues, please contact the Open Government Team at open-ouvert@tbs-sct.gc.ca.

Quick Links

Welcome to the Open Government Registry. Use the Registry to add government resources that will be published on the Open Government Portal. For more information on using the Registry or to report errors, contact open-ouvert@tbs-sct.gc.ca.

Open Data Records Add data about Government of Canada services, financials or national demographic information that is relevant to Canadians.	Proactive Disclosure - Grants and Contributions Access, upload and modify the Grants and Contributions reports for your organization
Open Information Records Add information about government programs, activities and publications.	Proactive Disclosure - Position Reclassification Access, upload and modify the position reclassification reports for your organization
ATI Summaries Access, upload and modify the monthly ATI Summaries and ATI Nothing to Report for your organization	Proactive Disclosure - Acts of Founded Wrongdoing Access, upload and modify the Acts of Founded Wrongdoing reports for your organization
Proactive Disclosure - Contracts over 10K (Quarterly) Access, upload and modify the quarterly Contracts over 10K reports for your organization	Open Dialogue - Consultations Access, upload and modify consultation reports for your organization
Proactive Disclosure - Aggregated Contracts from -\$10K to \$10K Access, upload and modify the aggregated Contracts from -\$10K to \$10K reports for your organization	Open Data Inventory This dataset houses your departmental open data Inventory. This is where you can access and upload your open data Inventory template.
Proactive Disclosure - Hospitality Expenses Access, upload and modify the quarterly hospitality expenses for your organization	Search your Organization Records Search all records in the Registry, for your Organization.
Proactive Disclosure - Travel Expenses Access, upload and modify the quarterly travel expense reports for your organization	Search All Records Add all Open Data and Information records in the Registry.
Proactive Disclosure - Annual Travel, Hospitality and Conferences This dataset includes all of the annual reports on travel expenses incurred within your organization.	View Members of your Organization View the list of members linked to your organization.



Open by Default

Current Situation



- People outside government have a variety of ways to access government data and information (e.g., open data, open information, ATI, proactive disclosure)...
 - ... but mostly when that **data and information is “ready” and official**
- The GC internal information management system isn’t connected to the public-facing portal

Proposed Solution



- Explore a technical way to **allow citizens access to working documents**
- Create an option for public officials to post documents for **sharing, re-use, and collaboration**
- Create a **straight line from document creation to public sharing**

Open by Default

- Pilot 'Open by Default' across the Government of Canada
- Provide a public access to working documents stored in GCDocs
- 4 Pilot Departments : Natural Resources Canada, Environment and Climate Change Canada, Canadian Heritage and Treasury Board of Canada Secretariat
- Agile Procurement Pilot – CFP for improve 'usability'

The screenshot shows the 'Open by Default Portal' on the Government of Canada website. The page header includes the Government of Canada logo and navigation menus for Jobs, Immigration, Travel, Business, Benefits, Health, Taxes, and More services. A search bar is located in the top right corner. The main content area features a heading 'Open by Default Portal' and a blue information box stating: 'Open by Default provides access to working documents used by the Government of Canada. Most of this information is unpublished. Documents may be in draft form, and are generally available in the language in which they were created. Unless otherwise indicated, information is made available under the Open Government Licence. To obtain documents in the official language of your choice, or in an accessible format, please contact us.' Below this is a search section with a search bar, a 'Search' button, and a dropdown menu for 'Order by' set to 'Relevance'. It indicates '543 records found'. The search results are displayed in a list format, with each entry showing a title, a brief description, the organization, and the resource format (e.g., GDC, DOCX, PDF). The results include: 'Political Engagement in Canada' (Canadian Heritage, GDC), 'Government of Canada Information Management Symposium - Information Managemen...' (Treasury Board of Canada Secretariat, DOCX), 'Open Government Working Group - Meeting Agenda - March 31 2017' (Treasury Board of Canada Secretariat, DOCX), 'Cordillera and Pacific Margin' (Natural Resources Canada, PDF), and 'Current activities forum 1985, program with abstracts (French)' (Natural Resources Canada, PDF). On the right side, there are two filter panels: 'Search Filters' and 'Organization'. The 'Search Filters' panel includes sections for 'Organization' (with checkboxes for Canadian Heritage (44), Environment and Climate Change Canada (159), Natural Resources Canada (104), and Treasury Board of Canada Secretariat (236)), 'Keywords' (with checkboxes for acid deposition (49), CAPMON (68), open government (62), precipitation chemistry (30), and quality assurance/quality control (49)), and 'Format' (with checkboxes for DOC (6), DOCX (167), PDF (309), PPTX (50), and XLSX (9)). The 'Organization' panel includes a section for 'Resource Type' (with checkboxes for Guide (206), Meeting Material (44), Presentation (107), and Project Material (29)).

Open Government Learning Hub

- Do-it Yourself Toolkit – developed by OpenNorth
- Guidelines on Releasing Data and Information
 - Data Standards
 - Metadata Application Profile
 - Information Management Rules – Retention and Disposition
 - Official Languages
 - Accessibility
 - Data Governance
 - Security and Privacy
 - Prioritization

The screenshot shows the Government of Canada website with the 'Do-it-Yourself Open Data Toolkit' page. The page is in English and features a navigation bar with various service categories. The main content area is titled 'Do-it-Yourself Open Data Toolkit' and includes a sidebar with a table of contents and a main text area with sections for 'What is the Do-It-Yourself Open Data Toolkit?', 'Who is the DIY Open Data Toolkit intended for?', 'How does the toolkit work?', and 'Why you need the Open Data Toolkit?'. A flowchart at the bottom illustrates the process from getting familiar with open data to growing the community and launching a pilot project.

Do-it-Yourself Open Data Toolkit

What is the Do-It-Yourself Open Data Toolkit?

The Do-It-Yourself (DIY) Open Data Toolkit is an instructional manual that provides a step-by-step guide on how to develop your open data initiative. It brings together training materials, best practices, tools and resources to help you prepare for and implement an open data project.

Who is the DIY Open Data Toolkit intended for?

The Toolkit is primarily intended for municipalities that have not yet begun an open data project and need some guidance on how to implement one. It is also a useful reference to other governments or organizations who are considering initiating an open data initiative.

How does the toolkit work?

The DIY toolkit takes you through the process for identifying, planning and implementing an open data initiative, including:

- Open data orientation;
- Planning considerations;
- Publishing sample data sets;
- Adopting an open data policy;
- Executing an open data pilot project with community engagement; and
- Moving your open data initiative from pilot project to operational program.

Why you need the Open Data Toolkit?

The DIY Open Data Toolkit is more than just a manual. It's a resource that can help you create opportunities for collaboration with the public, encourage innovation, and provide greater accountability and transparency by:

- Enabling citizens to make better-informed decisions;
- Equipping users with tools to better navigate open data portals;
- Improving a user's understanding of open data; and
- Providing a roadmap to creating a more responsive and efficient government

Get started exploring the [DIY Open Data Toolkit here](#), or use the navigation bar on the left-hand side of your screen to jump to a specific section.

Join the exciting open data community

DIY Open Data Quick Start

```
graph TD; A[Get familiar with Open Data  
• Read the DIY] --> B[Create an internal Working Group  
• Data custodians, GIS & data users]; B --> C[Propose an Open Data Pilot Project  
• Experience prior to implementing program]; C --> D[Open Data Pilot  
• Governance, Policy, Data, Launch Open Data Catalogue, Promote !!!]; D --> E[Community Engagement  
• Start early in the process – open lines of communication]; E --> F[Grow Open Data Offerings & Community  
• Build an ecosystem for community needs];
```



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Next steps

Through December 2018

What we are going to do

1. Open by Default – Phase 2 (April 2018+)

- Move from Pilot to Operational, enable automation
- Agile Procurement - Accessibility

2. Update / Improve / Stabilize Architecture (ongoing)

- Review architecture to identify areas for improvements
- Simplify workflows
- Tighten architecture to improve user experience

3. Bill C-58, Access to Information Amendments (Summer 2018)

- Increase scope of organizations required to publish certain types of information
- Increase in type of information that is mandatory to publish

4. Service Level Agreements (As soon as possible)

- Develop SLA between TBS and Departments
- Develop SLA between departments and public



What we are going to do

5. Open Data Federation – Pilot (June 2018)

- Pilot with Government of Alberta and / or British Columbia
- Develop process to onboard new jurisdictions

6. Visualizations (Summer 2018)

- Showcase visualizations on open.Canada.ca
- Develop 'open source tools to support departments with developing their own

7. CKAN as a Service (As soon as possible)

- Create complete documentation
- Develop 'toolkit' for other departments to leverage CKAN instance

8. Open Information Inventory (October 2018)

- Directive on Open Government Deliverable
- Publish on open.Canada.ca
- Begin prioritizing the publication of open information



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Canada's Action Plans on Open Government



Overview: National Action Plans on Open Government

- Released every two years; contain commitments and milestones that give structure to the GC's collective action; at the core of OGP model.
- From data to plan, how we create action plans:



Engagement



Analysis



Partnerships



Plan

How we are engaging Canadians



What We're Hearing

Question: Which statements best describe your interest in open government?

ANSWER CHOICES		RESPONSES
I support open government as a tool to make democracy stronger	60%	3,900
I am looking for opportunities to make society better	52%	3,371
I'm interested in learning more and maybe getting involved	37%	2,417
I am looking for opportunities to hold government accountable	36%	2,342
I like to sift through data and information to find answers and insights	28%	1,832
I'm new to open government and curious	28%	1,825
I provide feedback to the government only when I am asked about an issue I care	21%	1,337
I build collections of data and information around a particular topic	9%	592
I am looking for opportunities to enhance an existing business	9%	587
I am looking for opportunities to use open data to start a new business	9%	557
I am not interested in open government actually	4%	248
I prefer not answer this question	0%	0
Other (please specify)	Responses	6% 380
Total respondents: 6,524		



Context is key

- Data/info availability isn't necessarily findability or understandability; a top need has been “Finding the right person to talk to”
- Where a few years back the call was for A) all data and B) raw data so people can analyze from scratch, we're hearing more about data quality and providing context, narratives and suggestions
- We've heard repeated calls for closing the distance between data/information consumers and collectors/curators: we need to move from engagement on “data and information” to theme-by-theme engagement on domains of data and information



Recurring feedback themes

- The question of government trust and legitimacy; people are worried about Canada mirroring perceived trends in democratic decline
- Sustained calls for transparency of decision making & influence
- User base of open.canada.ca information and data is shifting: more business intelligence and data analytics users who want real-time, API-enabled feeds
- FPTM collaboration and standards has been a common theme both from partners in other jurisdictions and stakeholders from small business and civil society
- We're reaching a broader community now, so **digital content**, **findability**, and **service ease** has been raised in every conversation to date



Next steps

- Release a draft plan on open.canada.ca for community feedback
 - Sign up for our mailing list to hear when that happens
- Final plan in summer 2018
- Renewed workplan for improving the data and information ecosystem in the Government of Canada

Questions?

Contact Information

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