

Finding Data

IAT 814

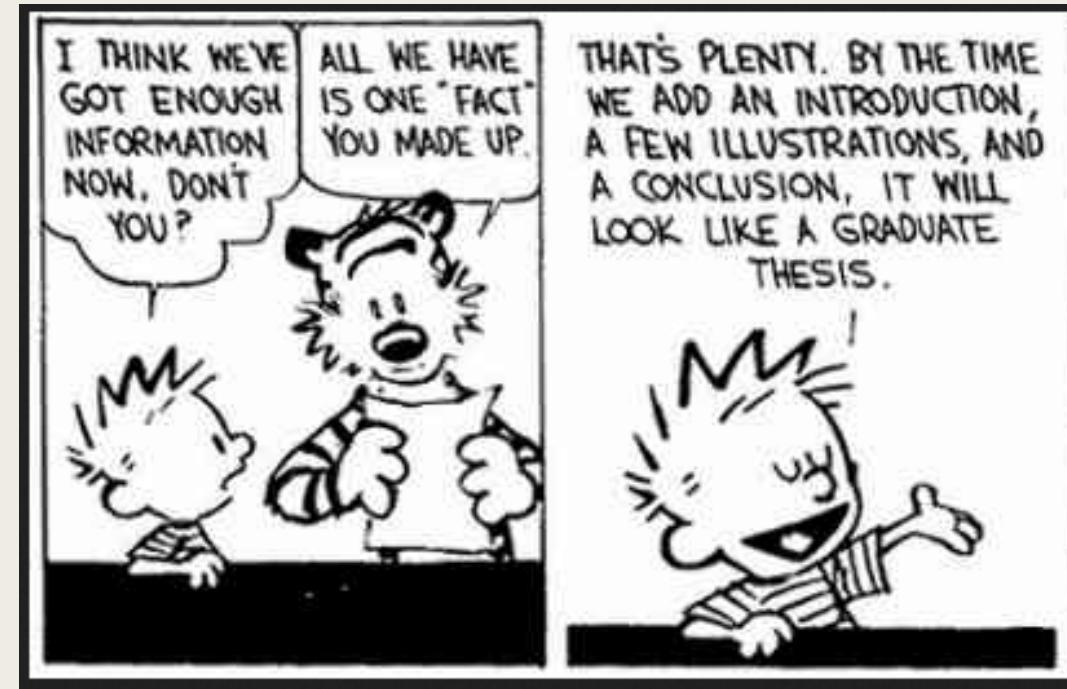
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Overview

- Research approaches with data and statistics
- Navigating datasets
- Help?



<http://www.gocomics.com/calvinandhobbes/1989/10/31>

Research Approach

Start with a question

- Think about what kind of data you need and who may produce it
- Locate and assess data
- Access and analyze data

Start with data

- Visualize the data
- Identify trends
- Identify gaps
- Formulate the question

Searching for data

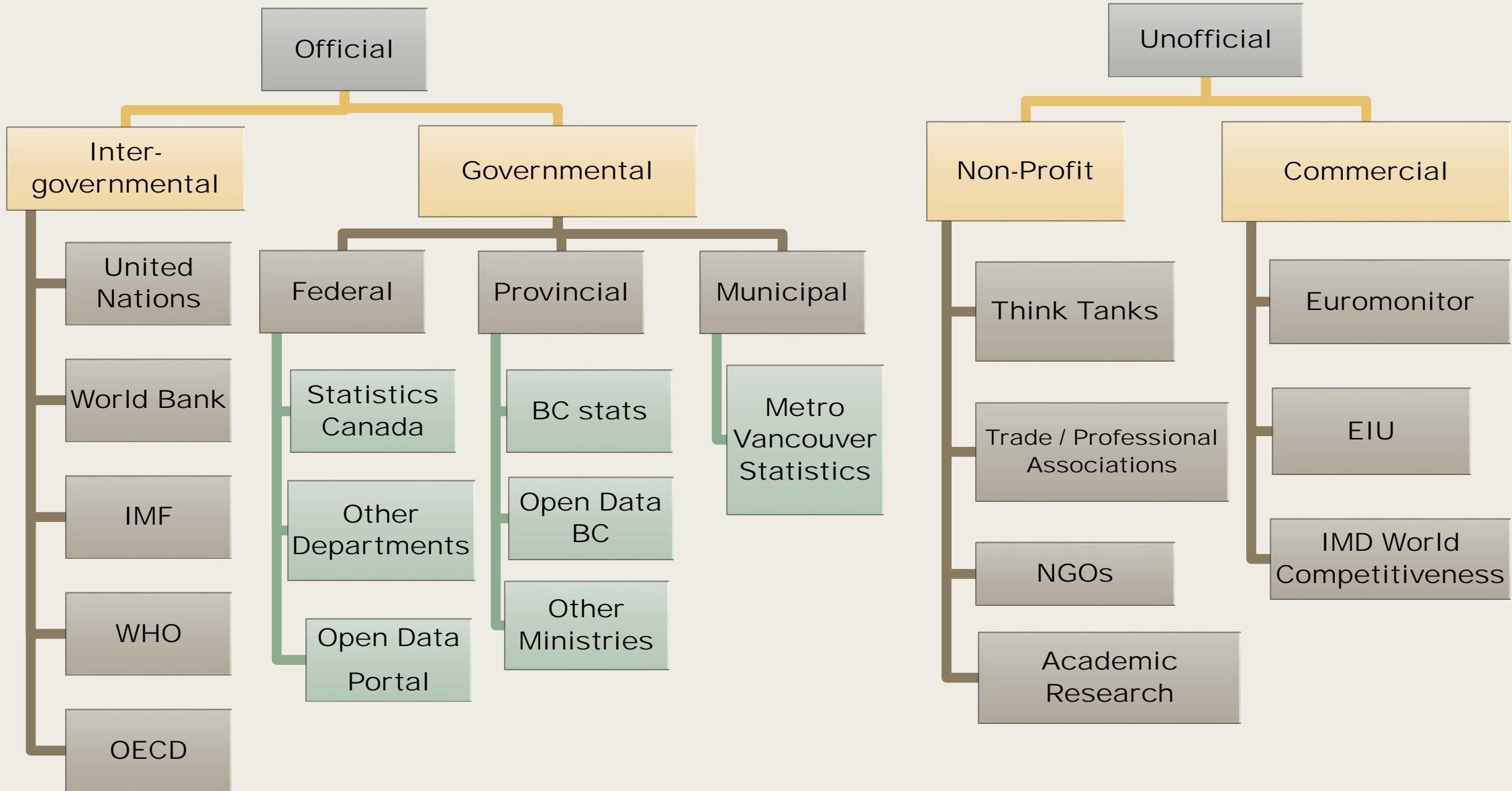
- Subject / discipline specific repositories
- Secondary sources
 - *Public policy journals, monographs and white papers*
 - *Newspaper articles*
 - *The Daily*
- Data Centres:
 - *Statistics Canada*
 - *Inter-university Consortium for Political and Social Research*
- Google hack(s)
- Ask a librarian

**Statistically, 6 out of 7
Dwarfs aren't Happy.**



<https://www.articulatemarketing.com/blog/false-statistics-in-marketing-promotion>

Sources by category



Google hack:

Google

traffic accidents "british columbia" filetype:xls

All News Maps Images Videos More Settings Tools

About 684 results (0.50 seconds)

[XLS] Collision Counts 1999-2003 - Ministry of Transportation and ...
www.th.gov.bc.ca/.../average_provincial_collision_rates_99-03_final-march2005.xls ▾
1, British Columbia Ministry of Transportation ... 6, Traffic, Highway Class C/MV = Collision per Million Vehicles, A3 = Controlled Intersection (with Traffic ...

[XLS] Collision Counts 2001-2005 - Ministry of Transportation and ...
https://www.th.gov.bc.ca/.../Average_Provincial_Collision_Rates_2001-05%2015Nov... ▾
1, British Columbia Ministry of Transportation. 2, AVERAGE PROVINCIAL COLLISION RATES BY HIGHWAY SERVICE CLASS AND TRAFFIC VOLUME RANGE.

[XLS] Rebreather Fatal Accident Database to 5th ... - Deep Life Ltd (IBC)
www.deeplife.co.uk/or_files/RB_Fatal_Accident_Database_100725.xls ▾
Rebreather diving by military divers in contrast, have no fatal accidents on any has been temporarily the road between Arogno and Rovio closed for traffic.ca/news/canada/british-columbia/story/2012/05/21/bc-diver-cfb-esquimalt.html.

[XLS] Crash Elements - Florida Highway Safety and Motor Vehicles
www.flhsmv.gov/ddl/ecrash/datadirectory2011.xls ▾
61, The Florida Traffic Crash Records Database is a relational database consisting of ten tables. 101, (using HSMV crash form 90010S) and contains an array of data not previously available for 45, British Columbia, BC, Mexico, MX.

[XLS] Master's Project Library - UVic
<https://www.uvic.ca/hsd/publicadmin/assets/docs/project.../mastersProjectLibrary.xls> ▾
3, Types of reports: Confidential or missing: No copy available ... of British Columbia, Ministry of Community, Aboriginal and Women's Services, Kirsten, Evaluation of the Impact of the Radar Camera on Traffic Speed, McDavid, Jul-91.

Google hack:

Google "traffic accidents" "british columbia" statistics site:.gov.bc.ca

All News Maps Images Videos More Settings Tools

About 92 results (0.47 seconds)

[PDF] [Health Status of Children and Youth in Care in British Columbia](#)
www.health.gov.bc.ca/library/publications/year/2001/cyicreportfinal.pdf ▾
Commission, and the British Columbia Vital Statistics ... Statistics. 3. Children - British Columbia – Mortality -. Prevention. 4. Children – British traffic accidents.

[PDF] [Page 1 CLIFF 252099 Ministry of BRITISH Transportation COLUMBI...](#)
docs.openinfo.gov.bc.ca/Response_Package_TRA-2016-61883.pdf ▾
There is no significant statistical difference regarding incident counts in the average increase in traffic accidents of 8% on ... workplaces in British Columbia.

[Traffic accidents - BC Archives - Royal BC Museum](#)
search.bcarchives.gov.bc.ca/traffic-accidents ▾
Results 1 - 30 of 7832 - Part of Beautiful British Columbia magazine
on the outskirts of Vancouver. E-00277; Item; 1914.



Ministry of
Transportation
and Infrastructure

BRIEFING NOTE FOR INFORMATION

DATE: February 19, 2016

PREPARED FOR: Honourable Todd Stone, Minister of Transportation and Infrastructure

ISSUE: Daylight Savings Time

SUMMARY:

- The findings of studies which have analyzed the impact of Daylight Savings Time (DST) on motor vehicle accident rates are inconsistent.

Consider

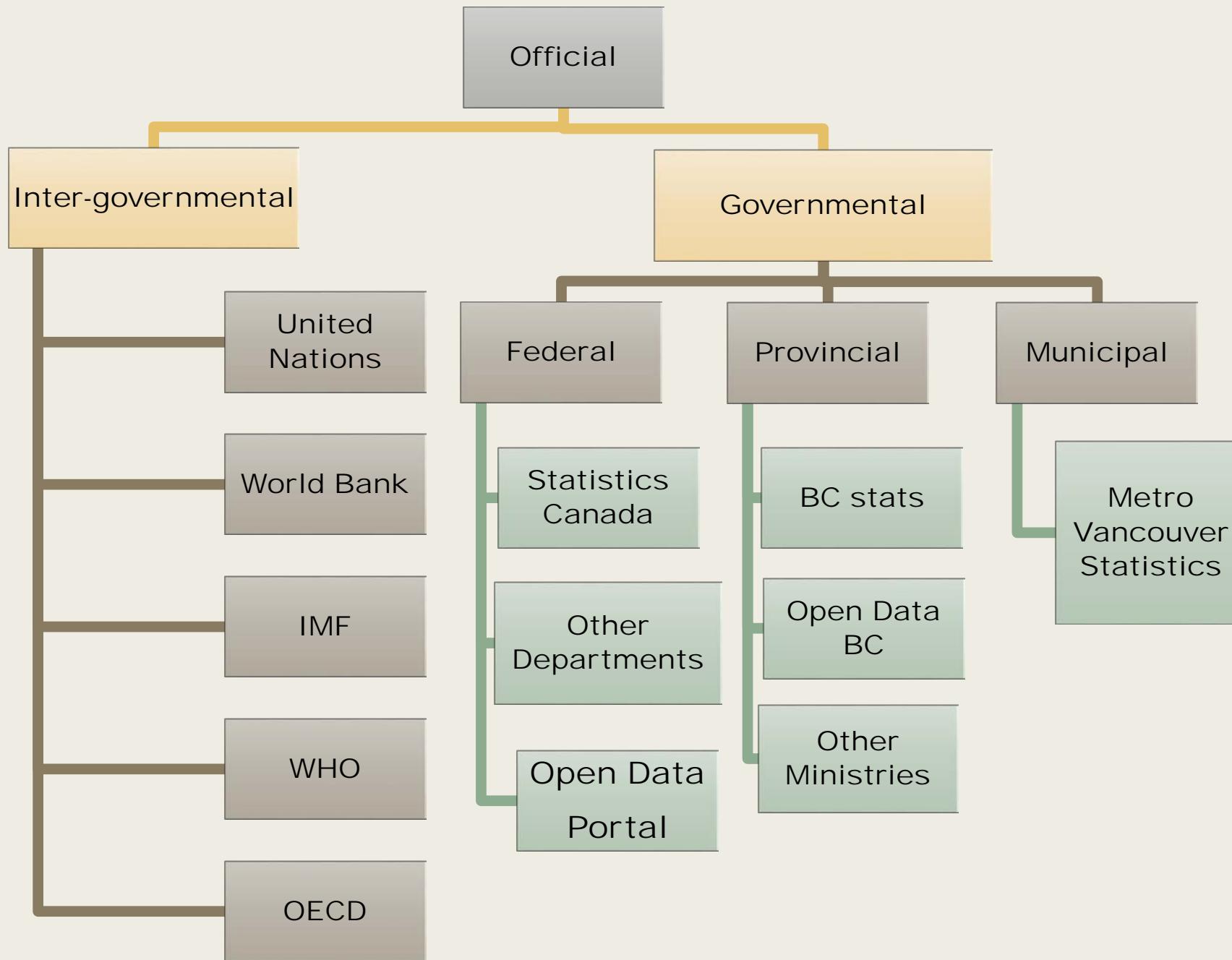
- Source:
 - *Reliability*
 - *Methodology*
 - *Codebooks and ReadMe files*
- Scope
 - *Variables*
 - *Geography*
 - *Time*
- Accessibility:
 - *Format*
 - *Availability*
- Presentation:
 - *Accurate or misleading*



Limits you may have to work around

- Timeframe available is too short
- Information is too old
- No info for your country of interest
- Wrong measurement (e.g. raw number versus %)
- Inconsistent methodology (over time, between governments)
- Hard to define your variable of interest





FIND

ARTICLES, BOOKS, JOURNALS, MEDIA

[Articles, books, media \(Library catalogue\)](#)

[Article databases](#)

[Course reserves](#)

[A-Z journals list](#)

[New books](#)

HELP

OTHER MATERIALS

[Databases](#)

[Background sources](#)

[Different type](#)

[Data + GIS](#)

[SFU Library digitized collections](#)

BORROW

RESEARCH BY SUBJECT + COURSE

[Materials by subject + course](#)

[Course reserves](#)

[Contact a librarian](#)

FACILITIES

RESEARCH TOOLS

[Citation management software](#)

[Assignment calculator](#)

[Off campus + wireless access bookmarklet](#)

[Search other libraries](#)

ABOUT

Statistics Canada

- Census
- Surveys
- Website
 - *The Daily*
 - *Publications*
 - *CANSIM**
- Canadian Census Analyzer*
- Statistics Canada Web Data Server
- Public Use Microdata Files



British Columbia

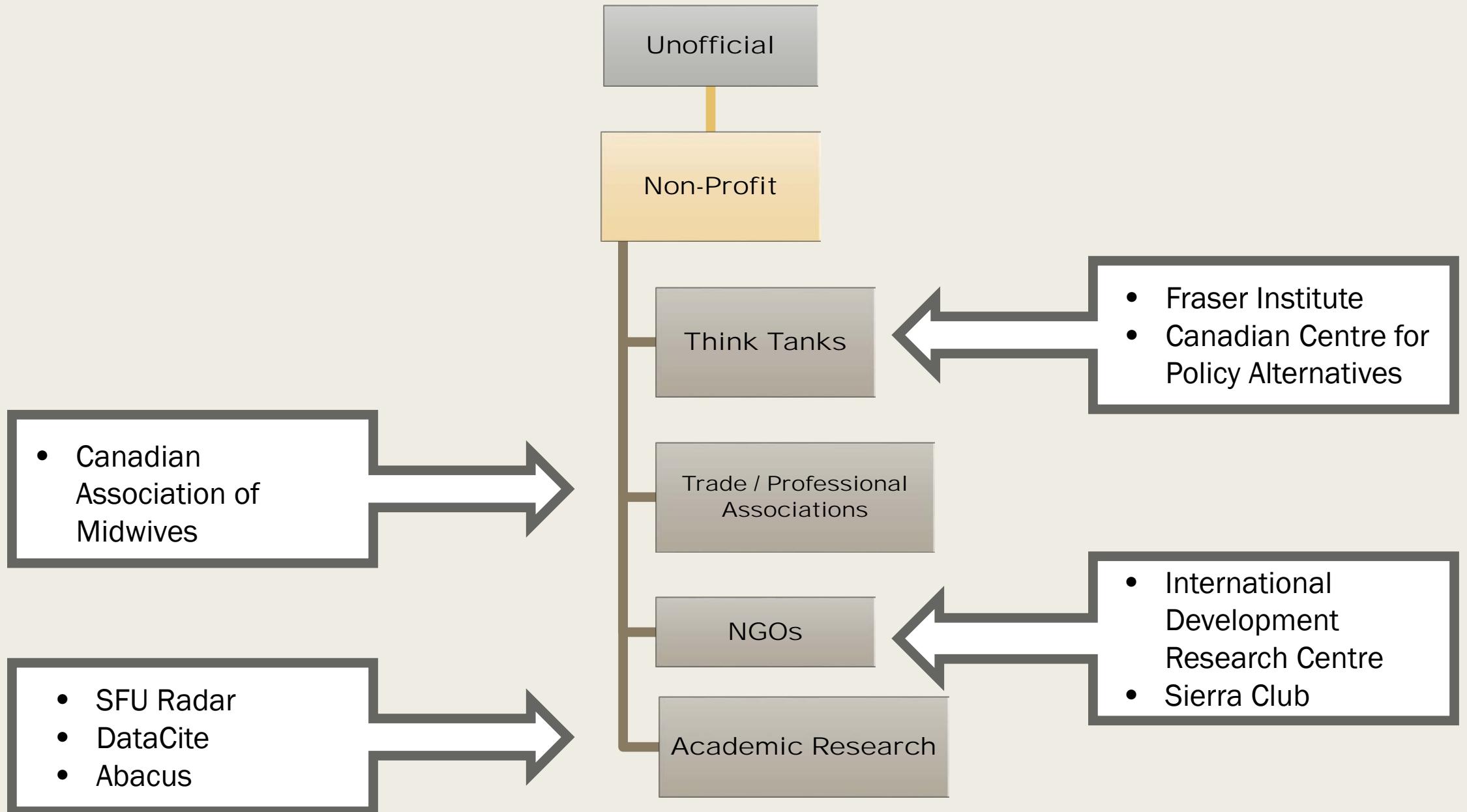
- BC Stats

- *Business, Industry & Trade*
- *Economy*
- *Employment & Labour Market*
- *People, Population & Economy*
- *Nature & Environment*
- *Government*

- BC Open Data

- *By sector*
- *By format*
- *By type*





[Re]Sources

Content

- Abacus
 - Secondary data
 - Statistics Canada
 - Open data
- Radar
 - SFU's Research data repository
 - Primary data
- Inter-university Consortium for Political and Social Research (ICPSR)
 - Curated data from researchers, government departments and agencies
 - Search by variable, study, theme or access data through the literature

Directories/registries

- [Re3data.org](#)*
 - Global registry of research data repositories
- [DataCite](#)*
 - Registry of datasets, software and images
 - Provides DOIs
 - Link journal content with data
- [Share.osf.io](#)
 - Directory of scholarly content including articles, presentations and datasets

Remember

- It's not you, it's the database
- Secondary sources are information gold mines
- Ask Google*, really
 - [your search term here] site:.gc.ca or site:.org or site—you get it
- *Don't give out your credit card information
- Ask a librarian



For further assistance

Finding data & statistics: <http://www.lib.sfu.ca/find/other-materials/data-gis>

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