BC STATS

BC Stats: Past, Present and Future

ACCOLEDS conference, University of Victoria 2016-11-29



About BC Stats

Who We Are

- The central statistical agency for the Province of British Columbia
- Function in legislation since 1894
- Operate under the legal authority of the Statistics Act, which provides a legislative mandate to....

What We Do

- Collect, analyze, and distribute statistical information on B.C.
- Assist government with their statistical activities
- Co-ordinate statistical activities between the Province of B.C. and Statistics Canada

THE ACT ALSO PROVIDES STATUTORY PROTECTION OF THE PRIVACY AND SECURITY OF DATA WE COLLECT

BC Stats: What We Do

What we do:

Still the same

How we do it:

- Has changed
- Will continue to change



So what has brought about this change?

- Tightening budgets
- Technological advances
- Big Data
- Demand for statistics is rapidly increasing
- User's needs are becoming more complex and individualised

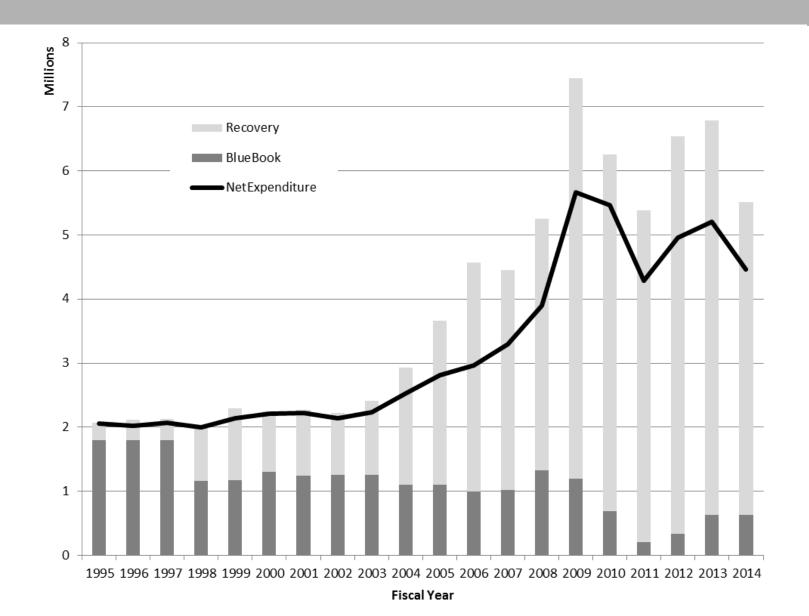


So what's changed?

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BC Stats: Budget history



BC Stats: Business Model

Business model:

- Moved from voted appropriation to cost recovery
- Internal consulting service

Projects 2015/16:

- 120 projects
- Value between \$1,000 and \$1,000,000
- Average approximately \$20,000



BC Stats: Who Are Our Clients?

Primary client groups:

- B.C. government ministries
- Statistics Canada

Other client groups:

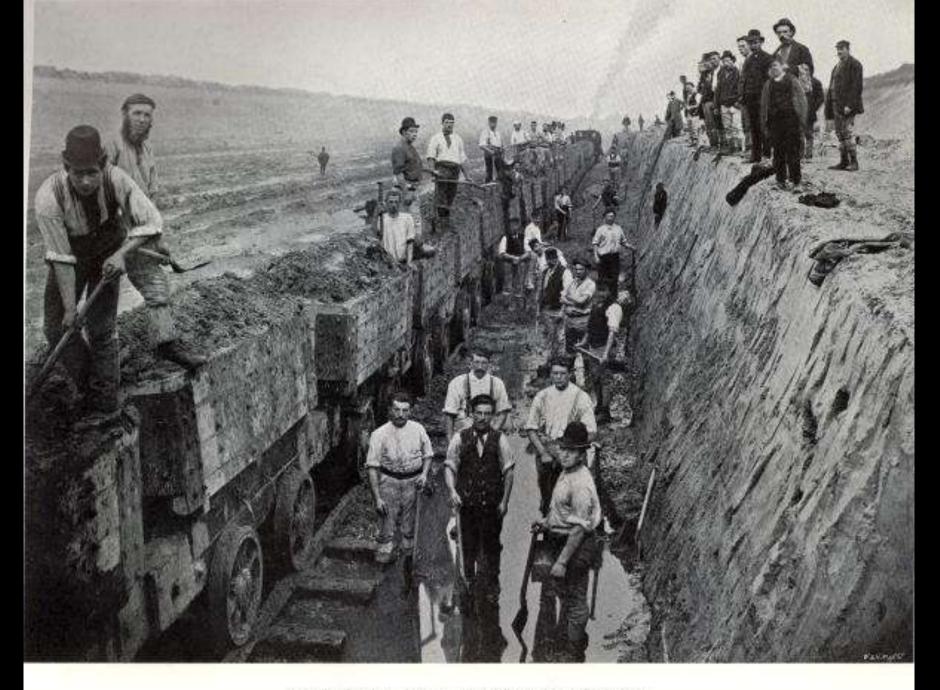
- crown corporations
- public agencies and education institutions
- business community & academics
- public



So what's changed?

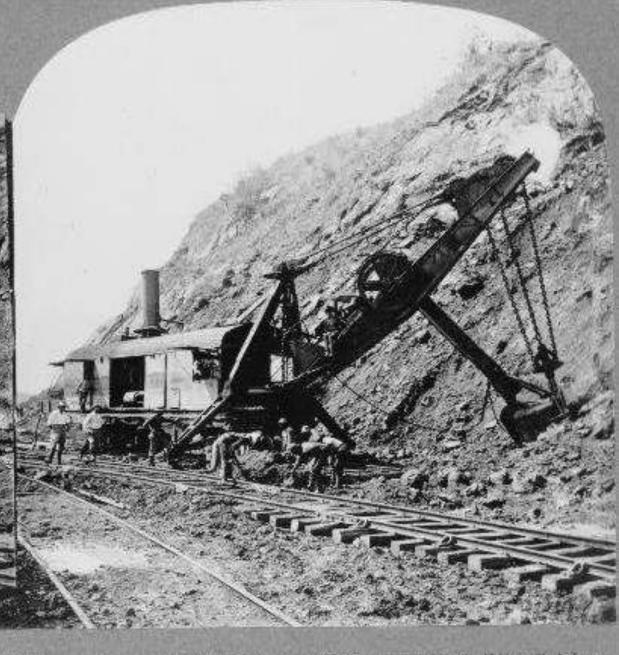
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English Navvies and the Iron Horse, Acton Grange.

Technology is an accelerator



20852-American Steam Shovel in Position to Take a Bite, Cuisbra-Cut, Panama Canal.

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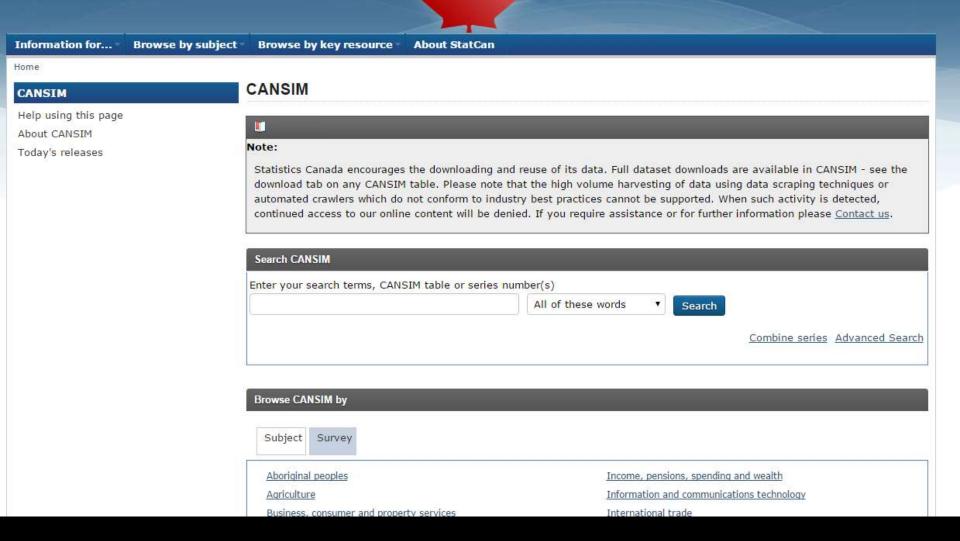
The big data deluge





Statistics Canada





Data Catalogue

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Datasets

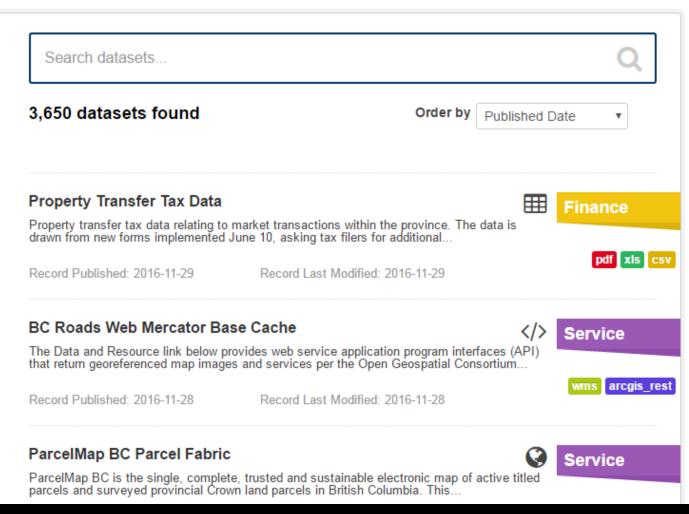
Organizations

Groups

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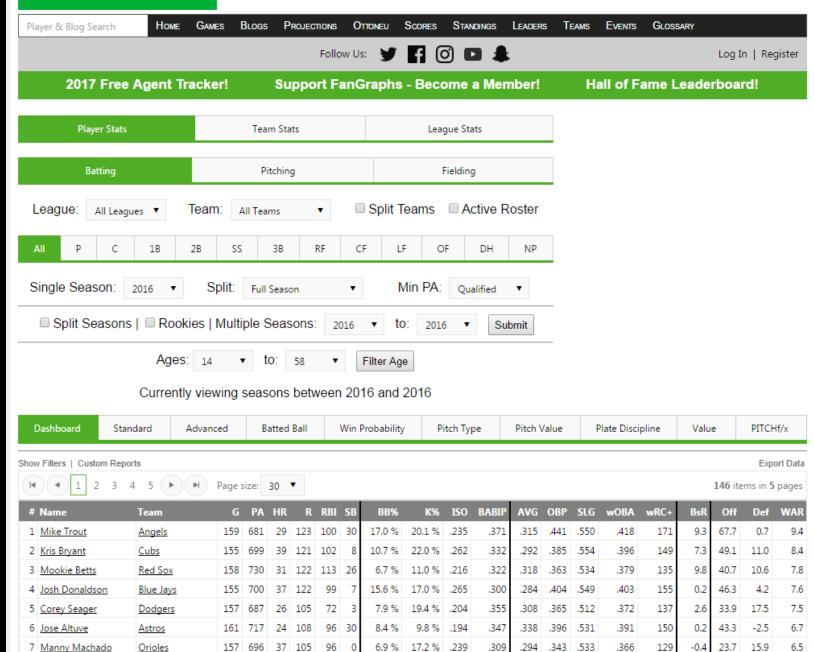


Expectations

- Easy answers
- Looking for tailored products
- "How do we not have data on this?!"







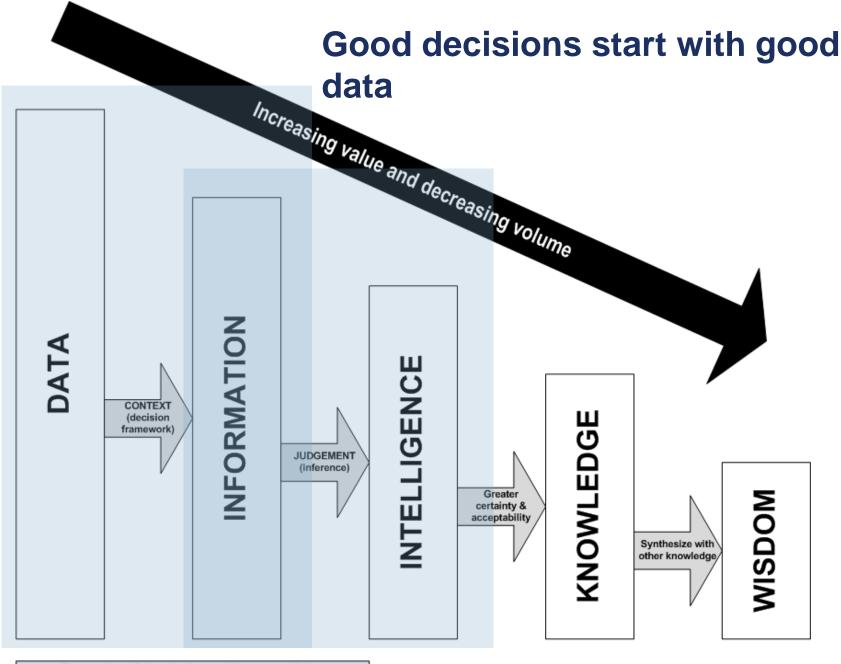
BC Stats: an evolution

1995:

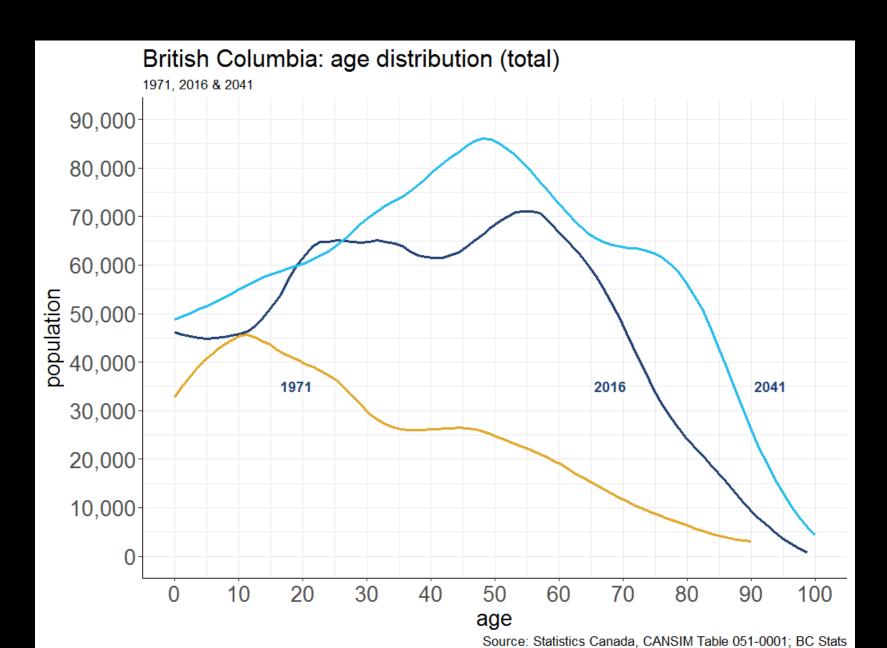
- BC Stats had only data pipe to Statistics Canada
- Statistics Canada printing paper copies of all reports and data tables
- Web sites are new; data tables as PDFs of paper version

2016:

- Statistics Canada: CANSIM now free and open licence
- Statistics Canada: all electronic publication on web
- B.C. Government has adopted open data
- Analytic and web-based tools are in a state of constant improvement



Domain of the information provider





Google" Custom Search

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LINKS

- Who heads to the polls? Exploring the demographics of voters in British Columbia -March 2010
- General Election Statistics in Comparison: 1928-2013
- Advance Voting Turnout 1996 to 2013
- BC Voter Participation: 1983 to 2013
- Voter Participation by Age Group: 2013
- Summary of Voter Participation Statistics May 16, 2001 Provincial General Election is available in pdf format and Excel
- BC Stats Electoral District Profiles

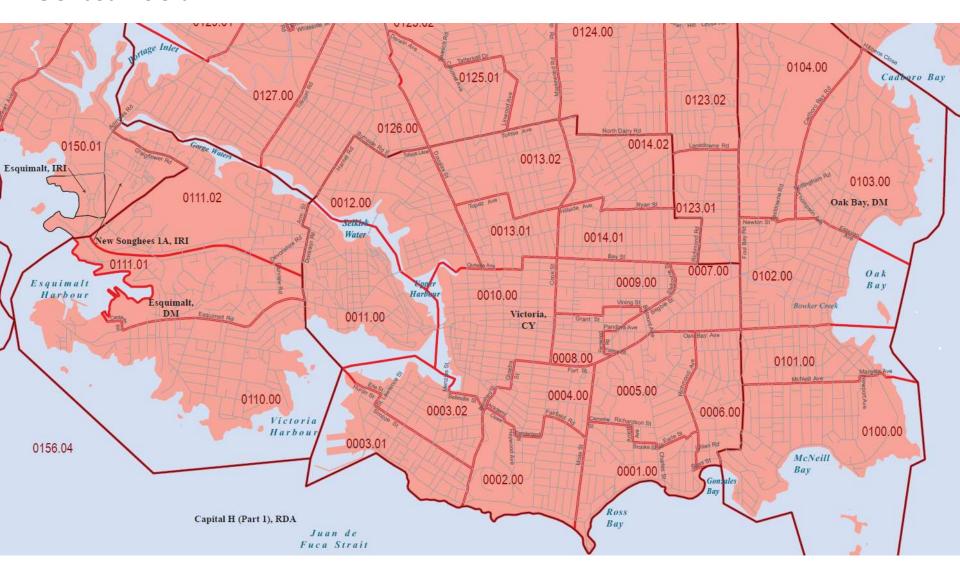
Electoral District Profiles (2011 Census)

Electoral District Profiles (2006 Census)

2001 Electoral District Profiles

1996 Electoral District Profiles

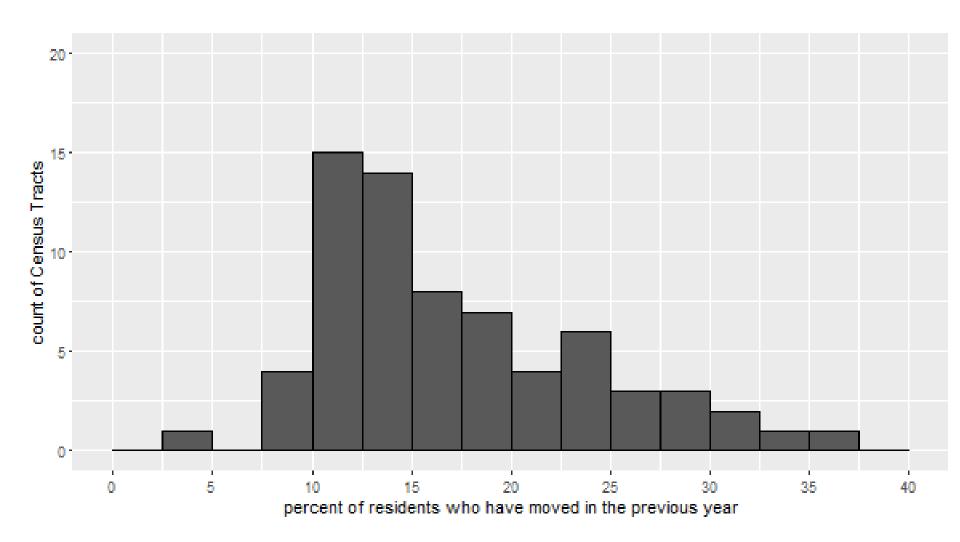
Census Tracts

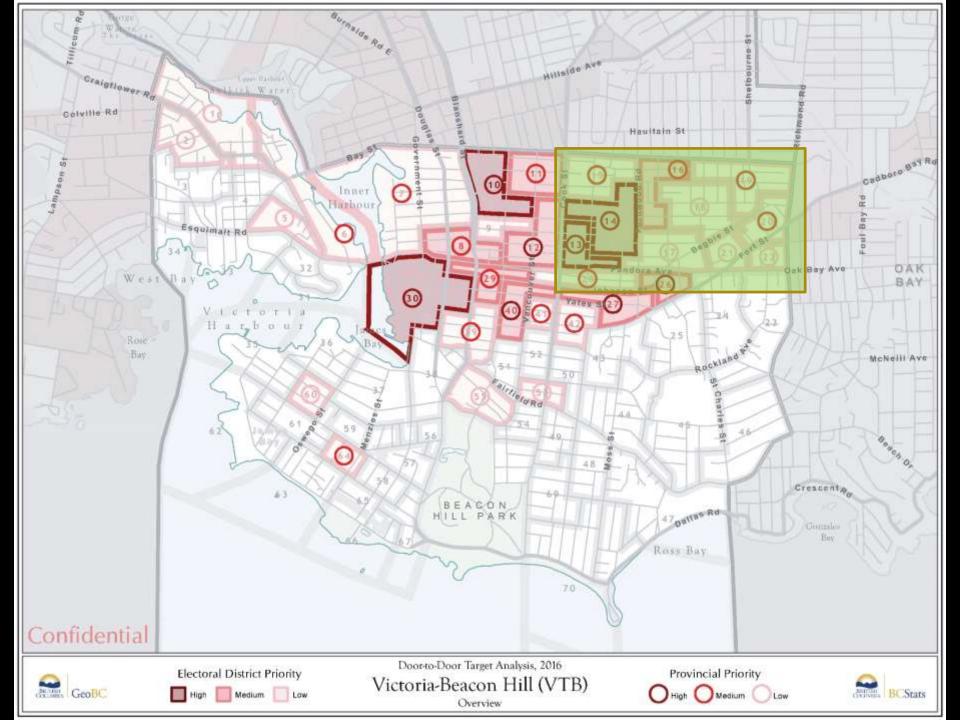


Census tract profile for 0003.01 (CT), Victoria (CMA) and British Columbia

Download table (Help): A CSV TAB Select a view: All data Submit Build your own view 🤏 Мар Map Map Map Map All data **British Columbia** 0003.01 Victoria 🔔 (PR) Population and dwelling counts (CT) (CMA) Population in 20061 5,546 330,088^T $4,113,487^{T}$ Population in 2001¹ 311,902[†] 5,508 $3,907,738^{+}$ 2001 to 2006 population change (%) 0.7 5.8 5.3 Total private dwellings2 3,601 155,224 1,788,474 Private dwellings occupied by usual residents³ 3,347 145,388 1,642,715 Population density per square kilometre 5,261.4 474.7 4.4 Land area (square km) 1.05 695.35 924,815.43 **British Columbia** 0003.01 Victoria 🔔 Age characteristics ıılı. Figure (CT) (CMA) (PR) Total population4 5,545 330,090 4,113,485 0 to 4 years 175 13,960 201,880 5 to 9 years 14,970 220,700 160 10 to 14 years 115 17,535 257,025 125 15 to 19 years 19,890 273,560 20 to 24 years 365 22,910 265,905 475 20,065 25 to 29 years 245,275 30 to 34 years 410 10 000 254 575

Movers by Census Tract









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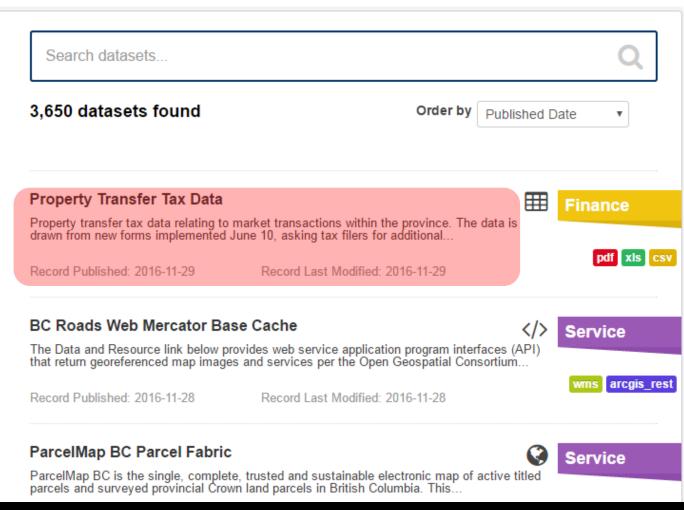
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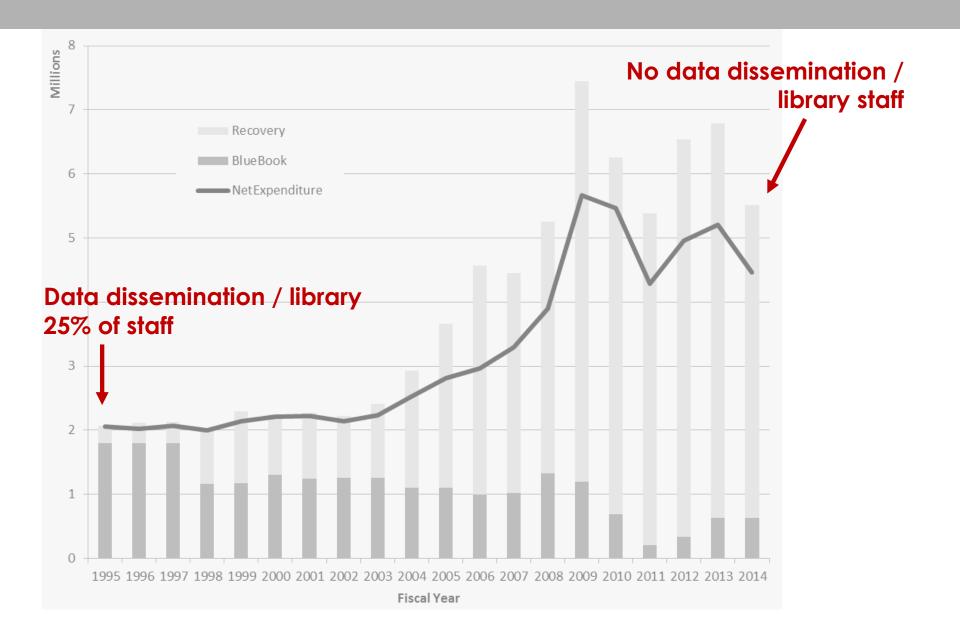
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BC Stats: budget



What will the future hold?

- Tightening budgets
- Technological advances
- Big Data
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