

Science,
Innovation and
Electronic
Information
Division



Division
des Sciences,
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Électronique



Commercialization of R&D by Institutions of Higher Education

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STC surveys that measure the socio-economic impact of universities



- **Survey of IP Commercialization in the Higher Education Sector**
- **Survey of Business Incubators**
- **Survey of Earned Doctorates**
- **National Graduates Survey**
- **Statistics on university finances, faculty, student enrolment and number of graduates by field, etc.**



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SIPCHES Background (1)

- 1997-Survey feasibility study conducted by the Impact Group
- Developed in collaboration with the AUCC
- Expert Panel on the Commercialization of University Research
- Another survey conducted by US-based Association of University Technology Managers (www.autm.net)



SIPCHES Background (2)

- **2002 Agreement between the Government of Canada and the Association of Universities and Colleges of Canada (AUCC)**
- **GoC will double university research funding and universities will (collectively) triple their commercialization performance.**
- **Working group formed to redesign the 2003 STC survey, with members from the AUCC, AUTM, Industry Canada and STC**



SIPCHES Background (3)

- **STC survey is being used to measure the tripling.**
- **Alliance for the Commercialization of Canadian Technology (ACCT) formed in 2005 www.acctcanada.ca**

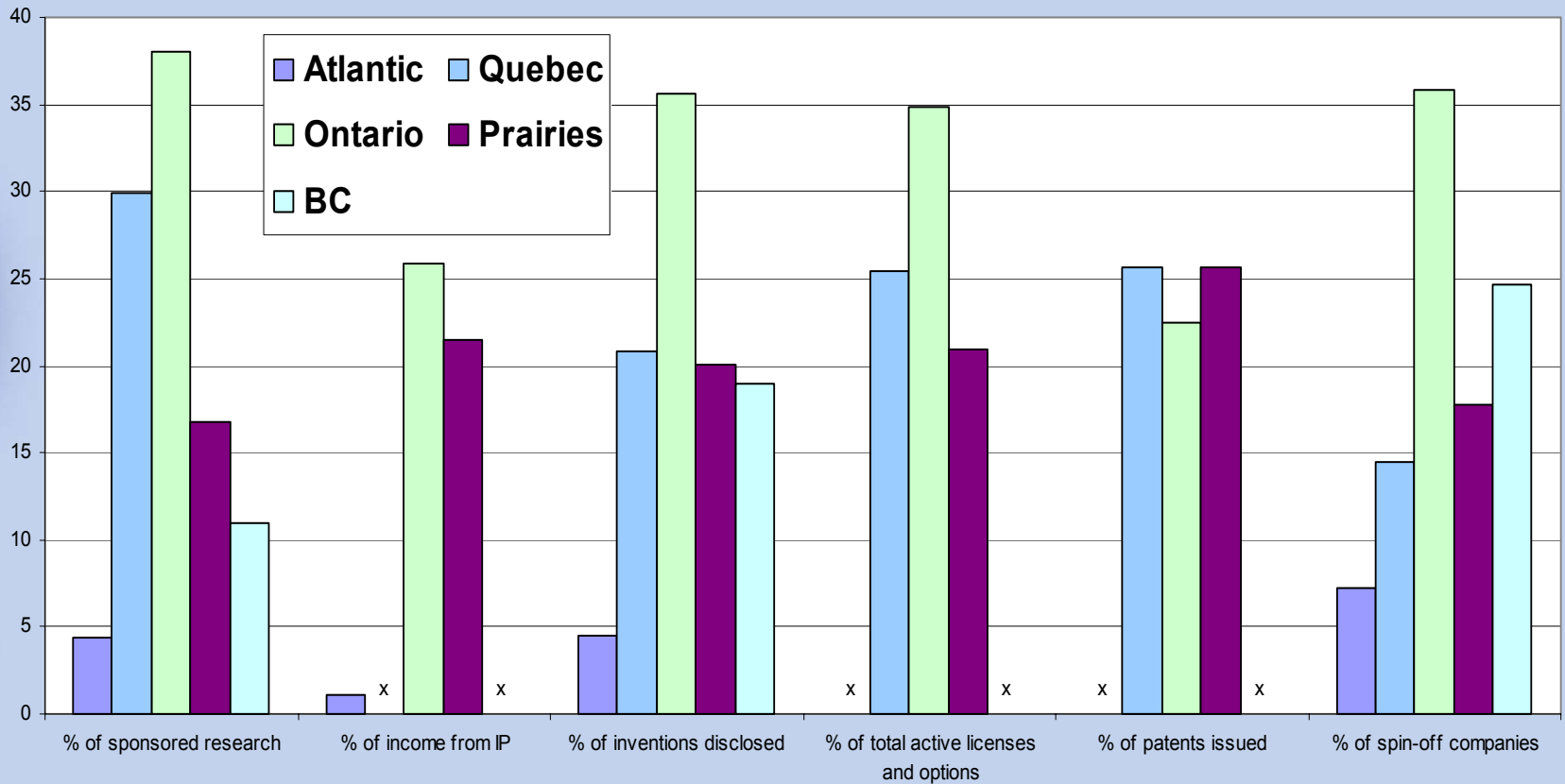


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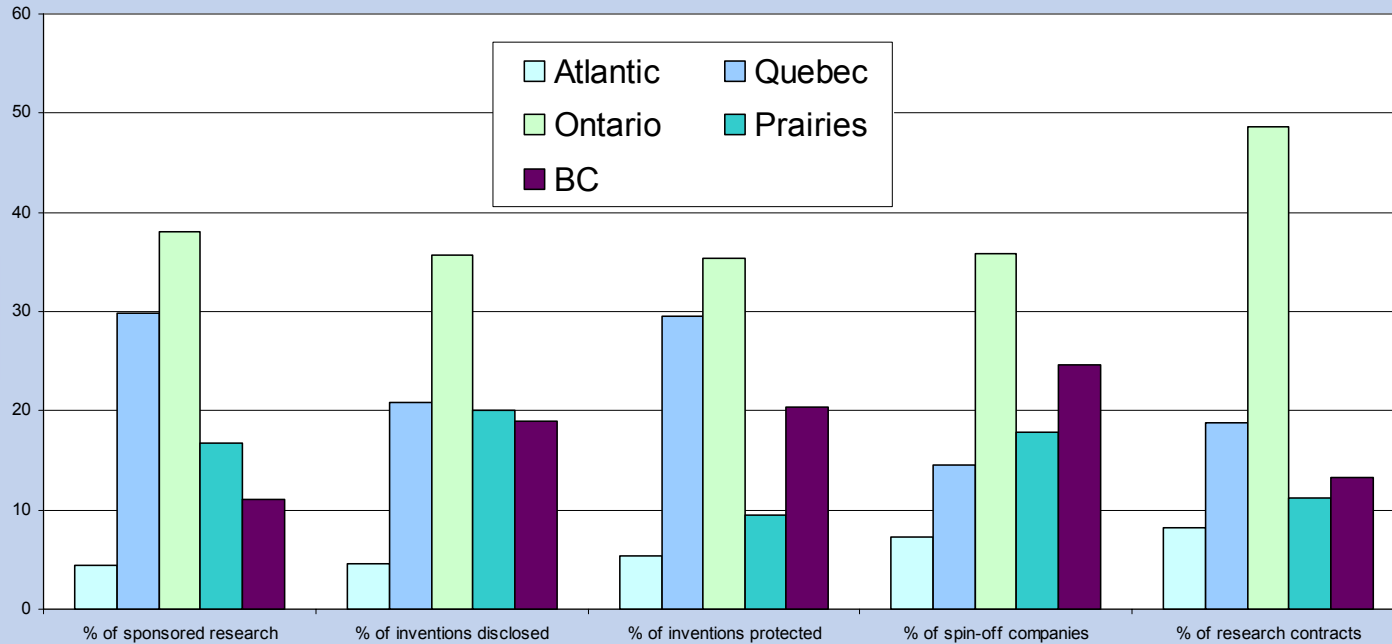
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What we have learned (Prairies)



What we have learned (BC)



Potential improvements to SIPCHES (1)

- Obtain confidentiality waivers from large institutions and continue to publish in aggregate OR
- Release data from individual institutions
- This would allow for more analysis, publication of results, facilitated access.

Potential improvements to SIPCHES (2)

- **Improve timeliness.**
- **Encourage institutions to set up databases to enable automatic extraction of data.**
- **Make survey mandatory.**
- **Suggestions for additional content always welcome.**