

Directory of Canadian US Patent Holders -
The latest Competitive Intelligence and
intellectual Ecosystem of Canada

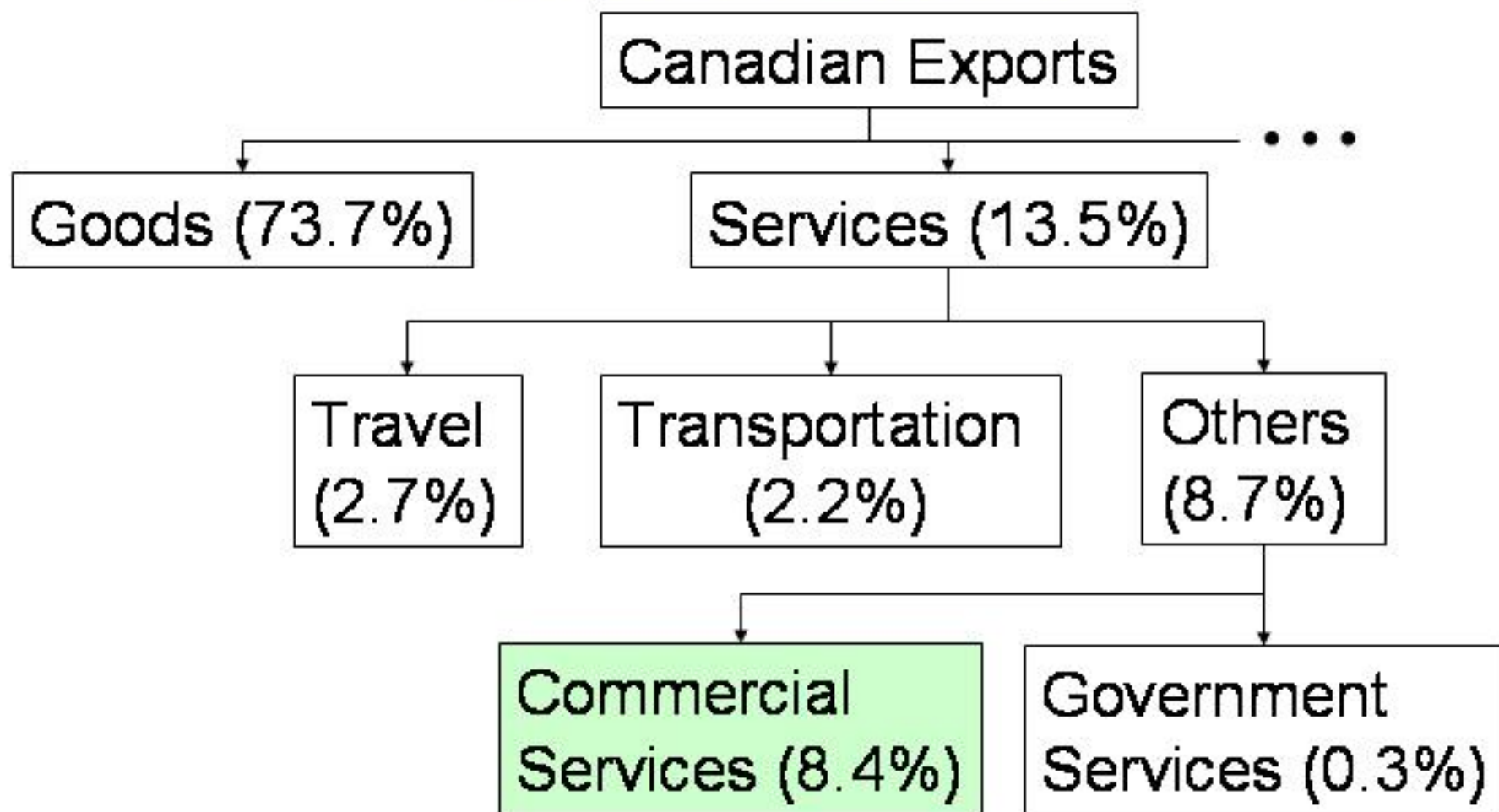
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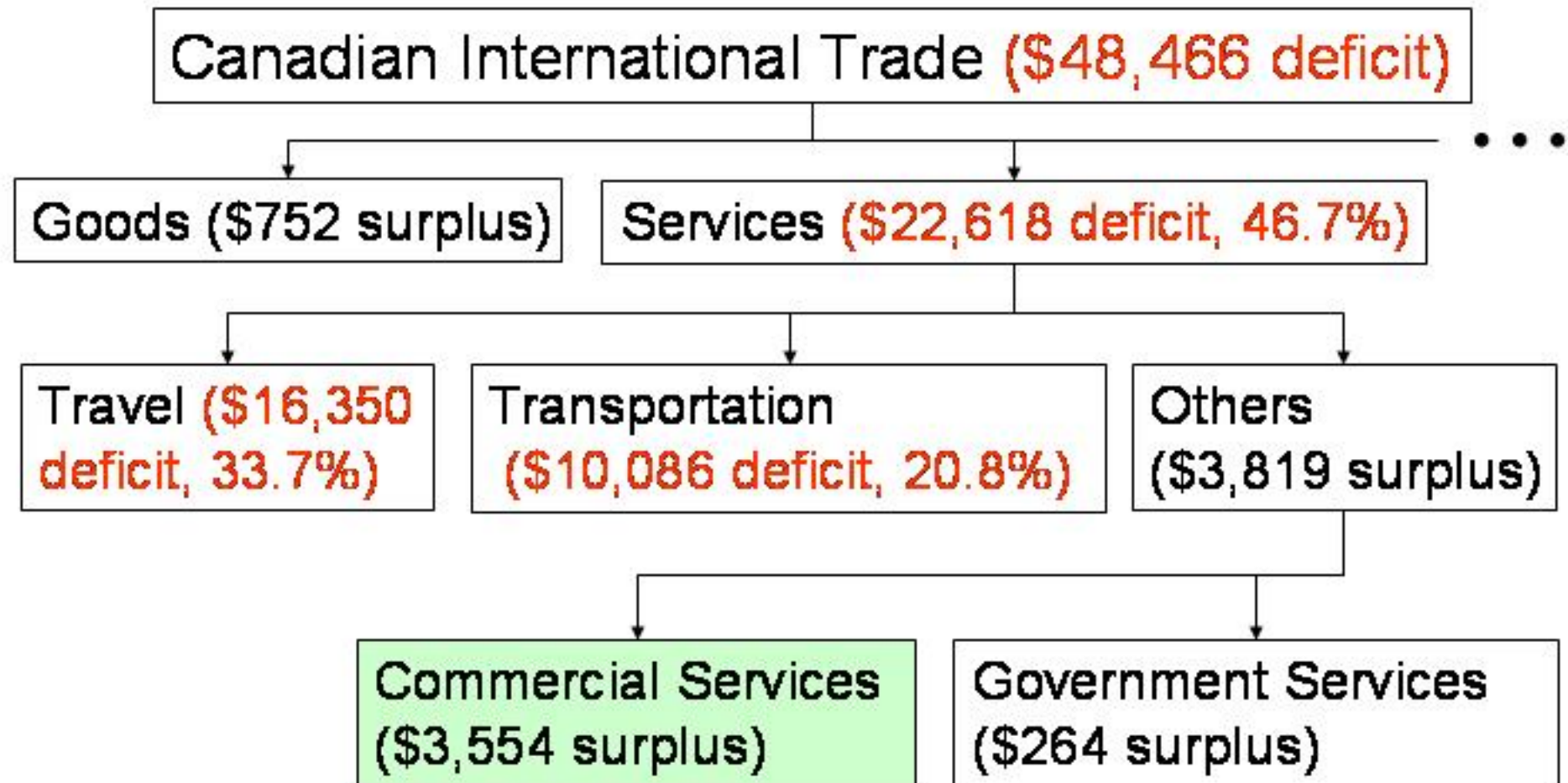
The Impact of Intellectual Property on Canadian Foreign Trade

2011 Statistics† Breakdown of Major Canadian Exports

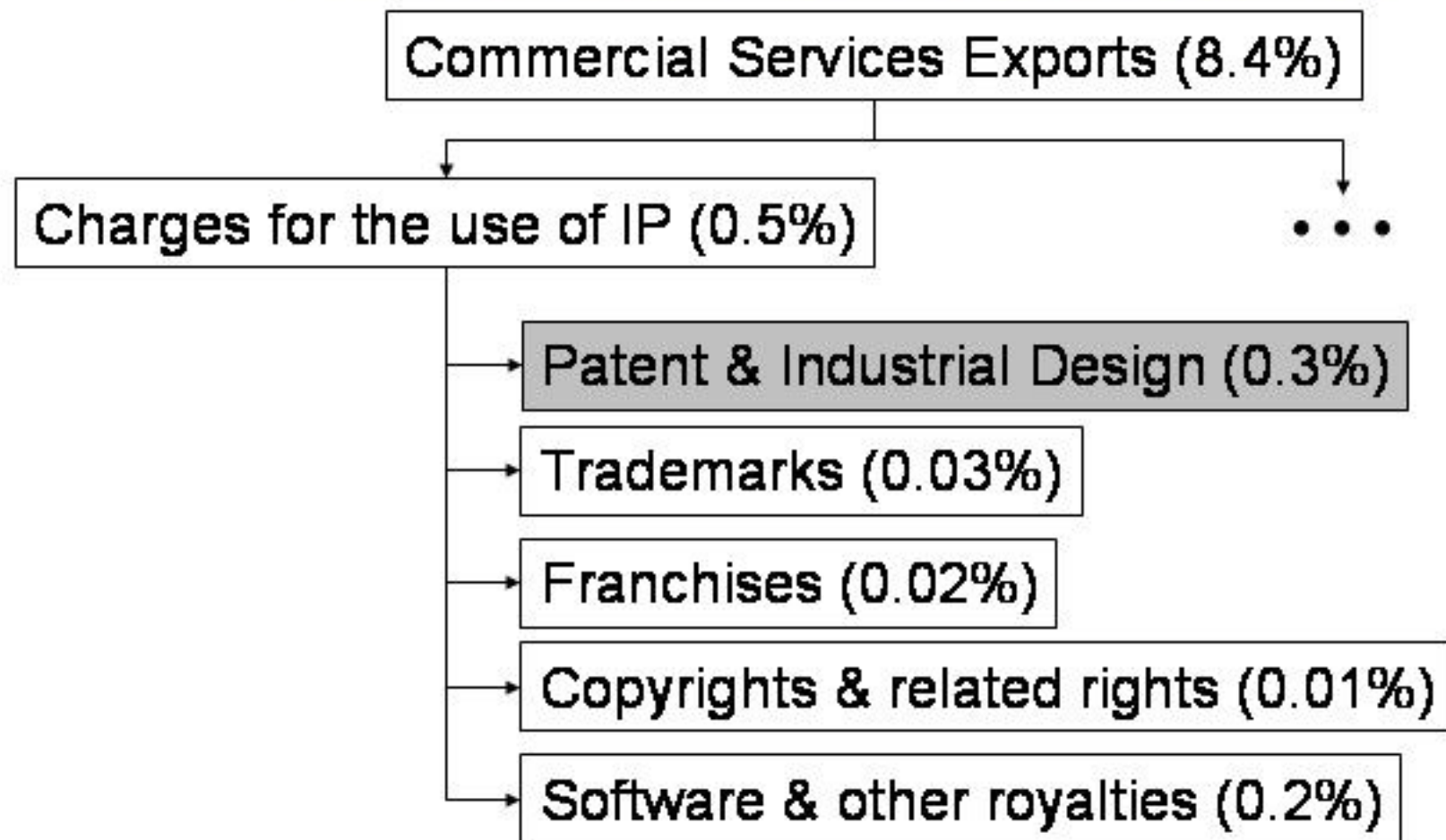


Source: † <http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=3760101&tabMode=dataTable&srchLan=-1&p1=-1&p2=9>

2011 Statistics† Breakdown of Major Canadian Trades Balance (in CAD\$millions)

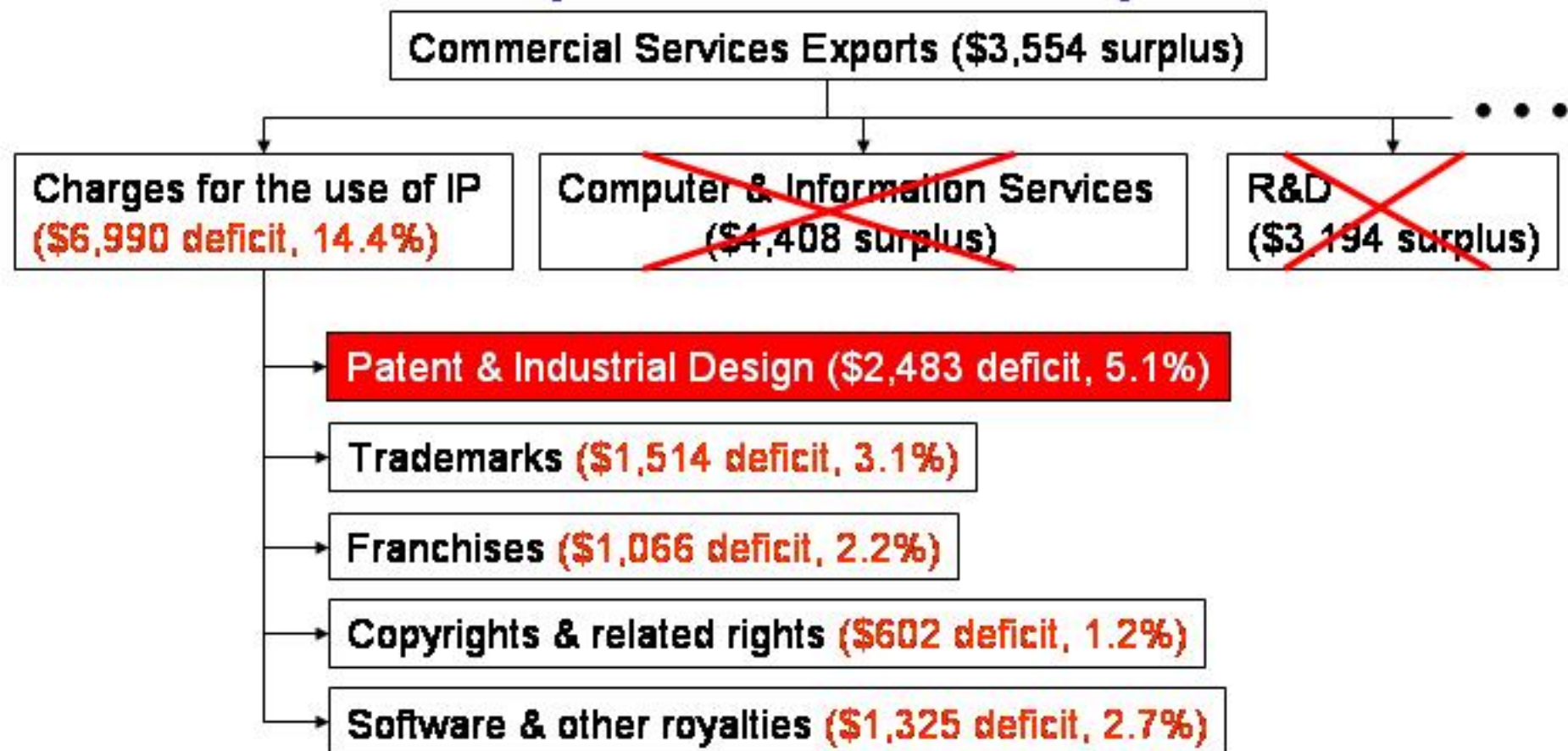


2011 Statistics* Breakdown of Canadian Commercial Services Exports



Source: * <http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=3760033&tabMode=dataTable&srchLan=-1&p1=-1&p2=9>

2011 Statistics* of Canadian Commercial Services Trades Balance (in CAD\$millions)



Source: * <http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=3760033&tabMode=dataTable&srchLan=-1&p1=-1&p2=9>

2011 Statistics* of Canadian Exports to the US in the “Charges for the use of IP”

- The US Market accounts for:
 - 61.3% of the total Canada’s “Commercial Serviced” exports, and 16.3% of the “Commercial Serviced” export surpluses;
 - 54.2% of total export in the “Charges for the use of IP” , and **85.1% of the export deficit in the “Charges for the use of IP”**;
 - 42.3% of total Canada’s patent and industrial design license exports, and **89.9% of the export deficits in the “Patent and Industrial Design” licensing**;
- In 2012, Canadian “Patent and Industrial Design” licensing exports to the US were estimated \$811.32 million.

Source: * <http://www5.statcan.gc.ca/cansim/a26?lang=eng&retrLang=eng&id=3760033&tabMode=dataTable&srchLan=-1&p1=-1&p2=9>

2011 Statistics** of the US Trade with Canada in Royalties and License Fees

- Canada is the third largest US Royalties and License Fees export country (Ireland, Japan, **Canada**, Switzerland, UK) ;
- But Canada is not among the top five largest US Royalties and License Fees import countries (Japan, Switzerland, France, Germany, UK);
- The US has US\$84.2 billions surplus in foreign trade cash flow from Royalties & License fees;
- This is 1.7 times of the total Canadian foreign trade deficit.

Database of Canadian US Patent Holders and Competitive Intelligence (CI)

- Synchronized with USPTO patent database to provide “no-older-than-7-day” information about Canada’s patent competitive advantage in the US market;
- Until December 10, 2013, there are 4617 Canadian US patents owners (2112 of them are in Ontario) tracked by this database;
- This database tracks information about who they are, where they are, what they patented and if they are getting stronger or weaker;
- Provided synergy on economic related issues.

Canadian Patent Landscape in the US Market

- Ontario is the largest US patent hub province;
- Kitchener-Cambridge-Waterloo CMA, Ottawa-Gatineau CMA and Markham municipality are the top 3 US patent hosting geographical areas respectively (normalized by population).

If you need the latest intelligence regarding:

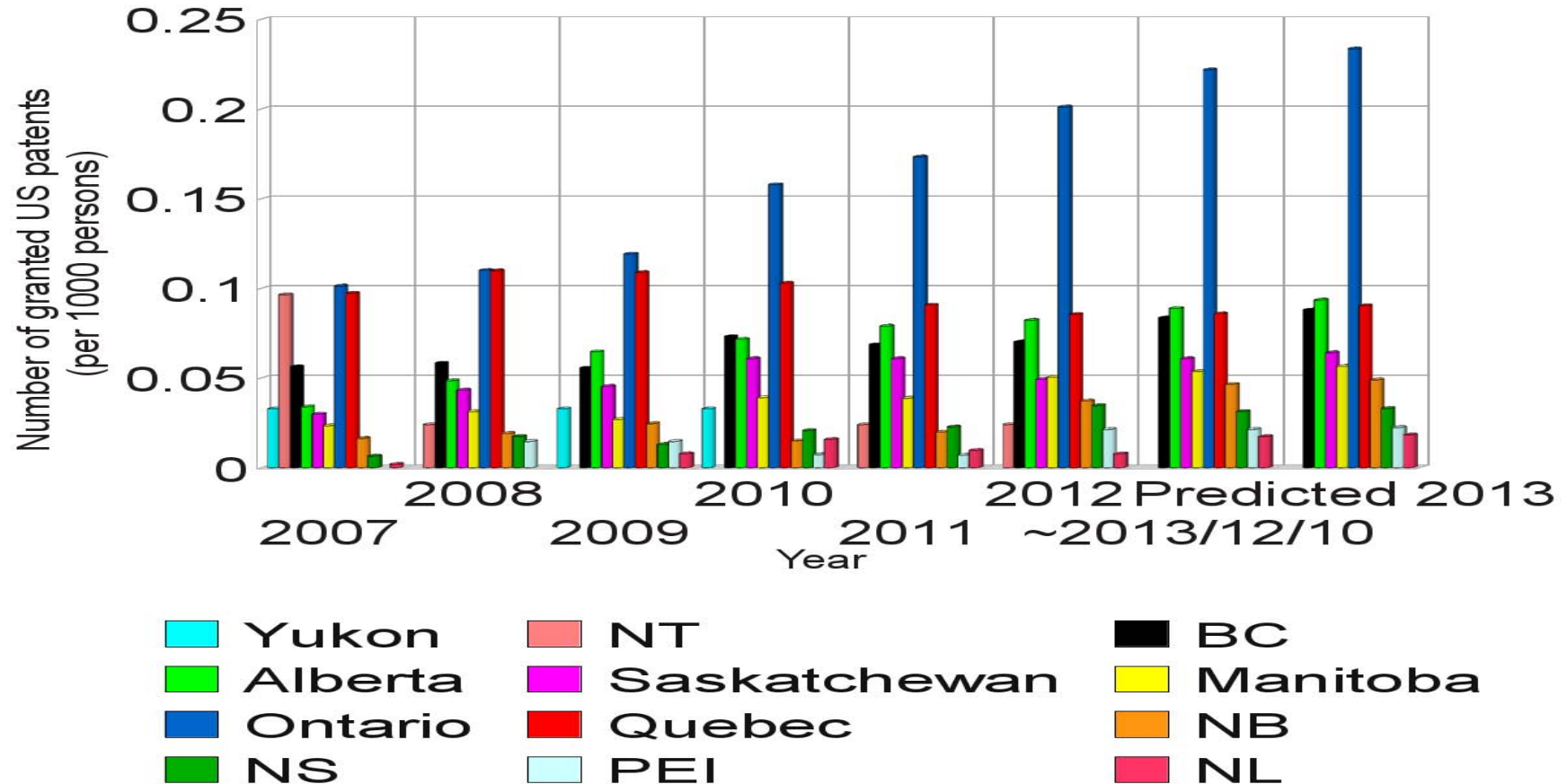
- the names of over 4600 Canadian US patent owners in all business sectors and coast to coast; and
 - their detailed patent strengths and trends of these Canadian companies in the US market,
- please feel free to contact:

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Statistics of US Patent Holding in Canadian Provinces (normalized by population‡)

‡ Statistics Canada 2006, 2011 Censuses

<http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/hlt-fst/pd-pl/Tables-Tableaux.cfm?LANG=Eng&T=300>



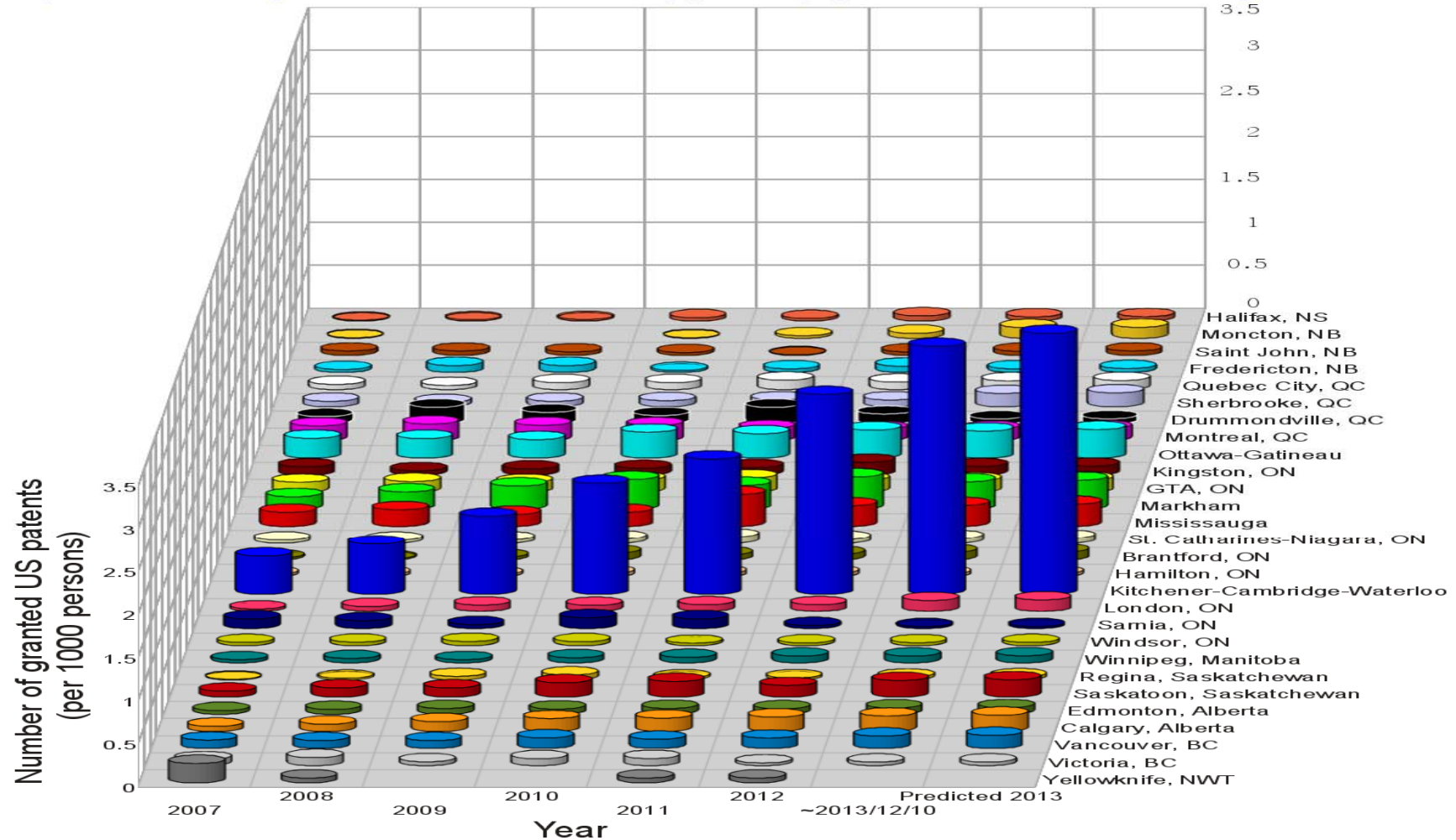
Source: Muchiu (Henry) Chang's Canadian patent CI database
<http://www.slideshare.net/mcc212>

Figure 1, Annual Patent Statistics by Provinces

Statistics of US Patent Holding in Canadian Geographical Areas† (normalized by population‡)

† Census Tract Reference Maps, by Census Metropolitan Areas or Census Agglomerations
http://www12.statcan.gc.ca/census-recensement/2011/geo/map-carte/ref/CMA_CA_CT-RMR_AR_SR-eng.cfm

‡ Statistics Canada 2006, 2011 Censuses
<http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/hlt-fst/pd-pl/Tables-Tableaux.cfm?LANG=Eng&T=300>



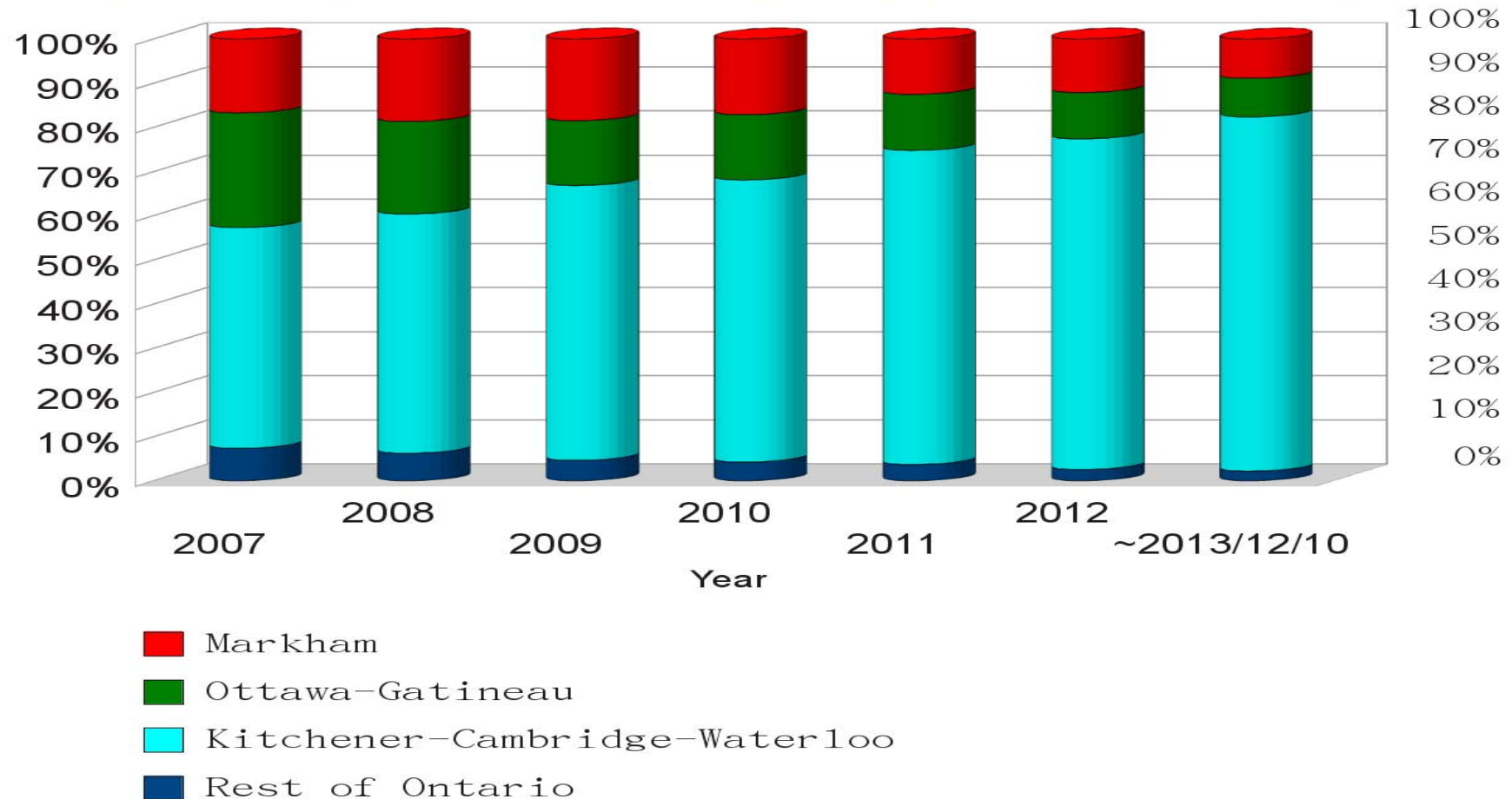
Source: Muchiu (Henry) Chang's Canadian patent CI database
<http://www.slideshare.net/mcc212>

Figure 2, US Patent Statistics by Geographical Areas

US Patent Ownership Distribution in Ontario (normalized by population‡)

‡ Statistics Canada 2006, 2011 Censuses

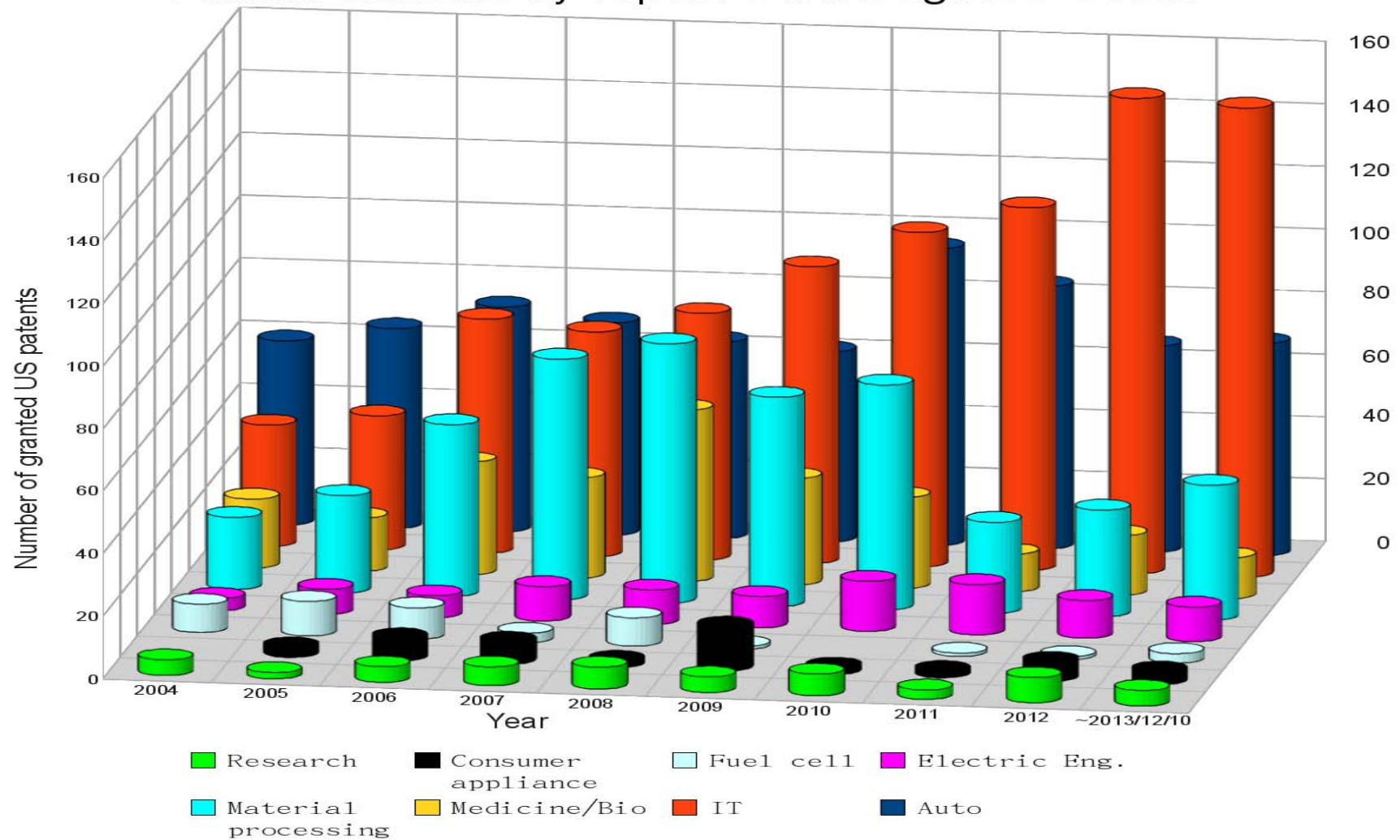
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Source: Muchiu (Henry) Chang's Canadian patent CI database
<http://www.slideshare.net/mcc212>

Figure 3, Top 3 Ontario Geographical Areas in US Patent Holding

Annual Statistics by Top 22 GTA Assignees' Sector



Source: Muchiu (Henry) Chang's Canadian patent CI database
<http://www.slideshare.net/mcc212>

Figure 4, Annual Patent Statistics of Sectors of the top 22 GTA Potential Employers