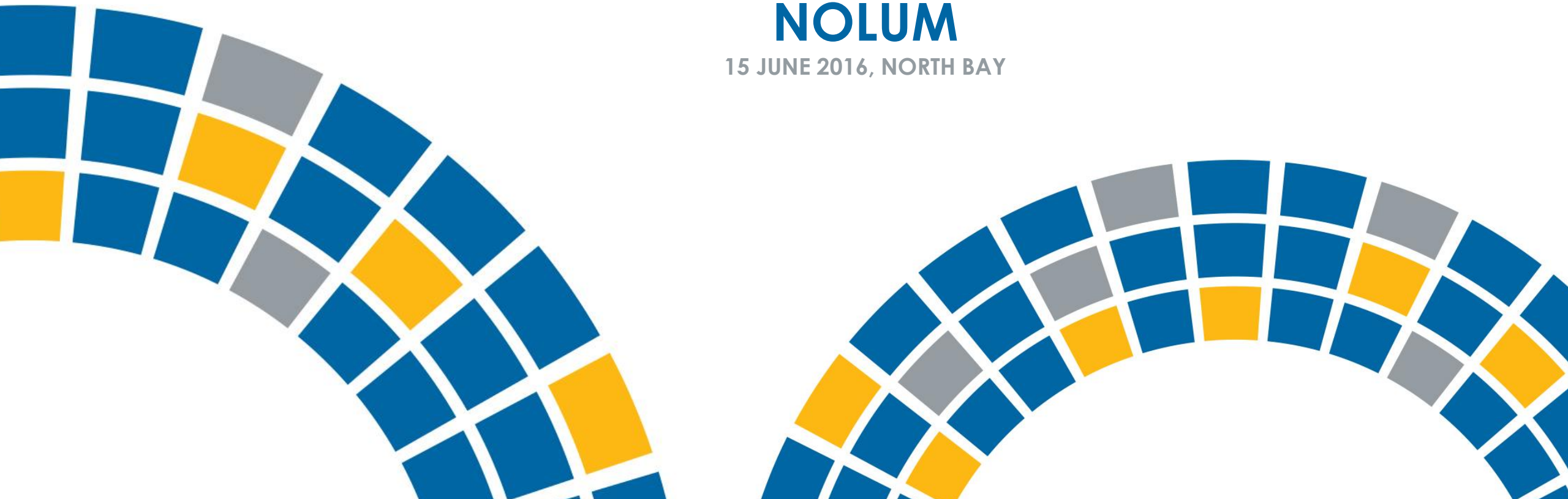
NORTHERN POLICY INSTITUTE | INSTITUT DES POLITIQUES DU NORD

UPDATE & OPPORTUNITIES

NOLUM

15 JUNE 2016, NORTH BAY



Overview

- NPI Update
- Key Indicators of Growth
- Sample Findings so Far
- Consistent Primary Data Collection
- Expanding Secondary Data Access
- Enhancing Data Usage
- Summary of Partnering Opportunities

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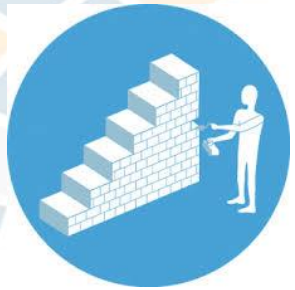


Key Indicators of Growth

- Communities
  - Volunteerism, housing stock, poverty, capacity
- Demographics
  - Human capital, health, education, population (immigration, replacement, engagement)
- Economy:
  - GDP, employment, income, private investment
- Environment
  - Size of green economy, water and air quality, investments in R&D and conservation
- Indigenous
  - Category or lens? All of the above, plus: respect, collaboration and shared decision making
- Infrastructure
  - Age, quantity, quality, impact (build and operate)

Will there be jobs?

- Aging population isn't all bad
- Replacement demand represents job openings from retirements
- Expansion demand represents economic growth in the industry
- A lot more work to be done
- Align current and future labour supply and demand

The key is to align job seekers (i.e., graduates) with job openings

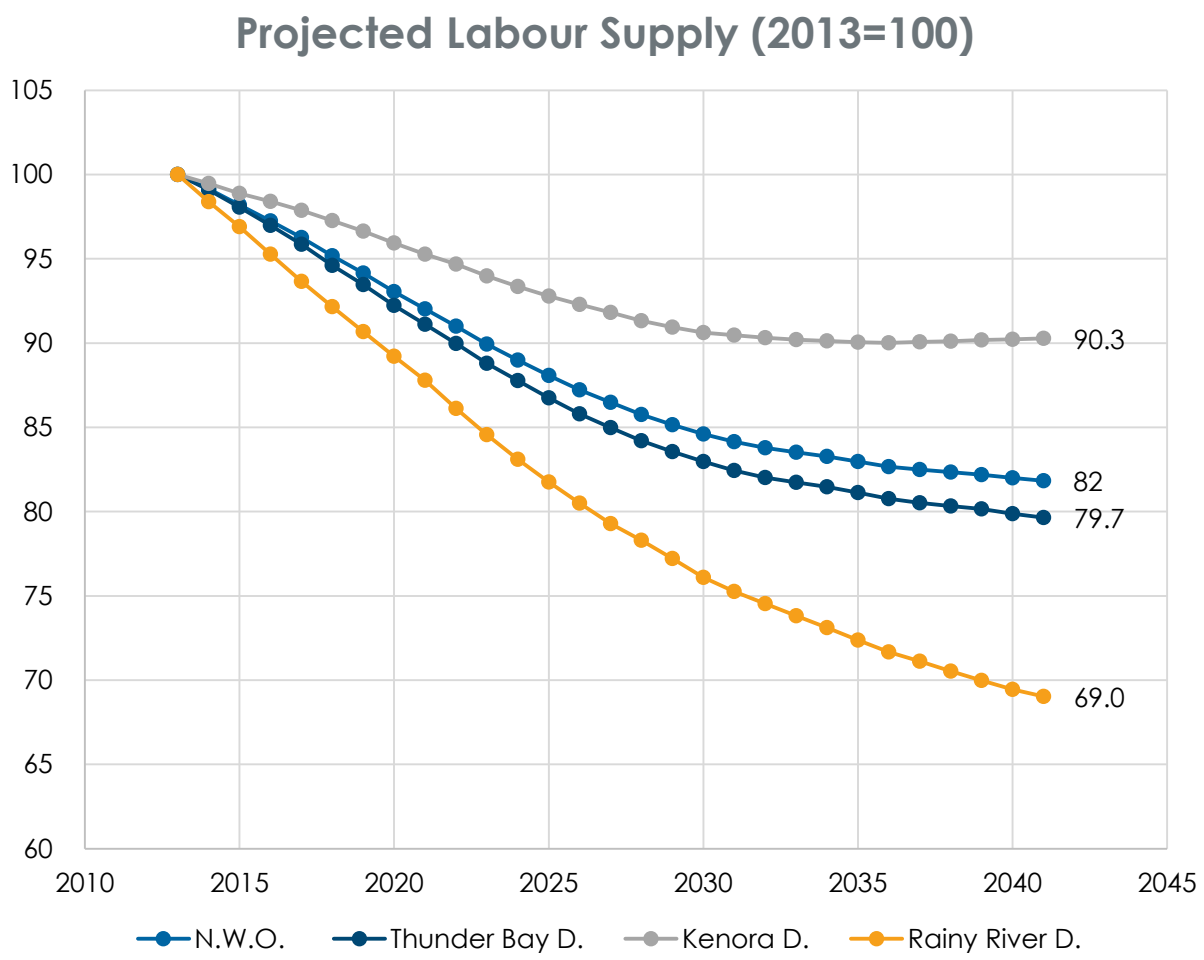
Health care and social services	2011-2020			2011-2030		
	Expansion Demand	Replacement Demand	Total	Expansion Demand	Replacement Demand	Total Demand
Professional occupations (except nursing)	423	950	1,373	1,119	2,100	3,219
Family physicians	82	270	352	219	470	689
Nursing occupations	828	1,780	2,608	2,198	4,375	6,573
Technical occupations	722	1,090	1,812	1,910	2,970	4,880
Assisting occupations	627	875	1,502	1,657	2,870	4,527
Total	**2,682**	**4,965**	**7,647**	**7,103**	**12,785**	**19,888**
Percentage demand (%)	35%	65%		36%	64%	

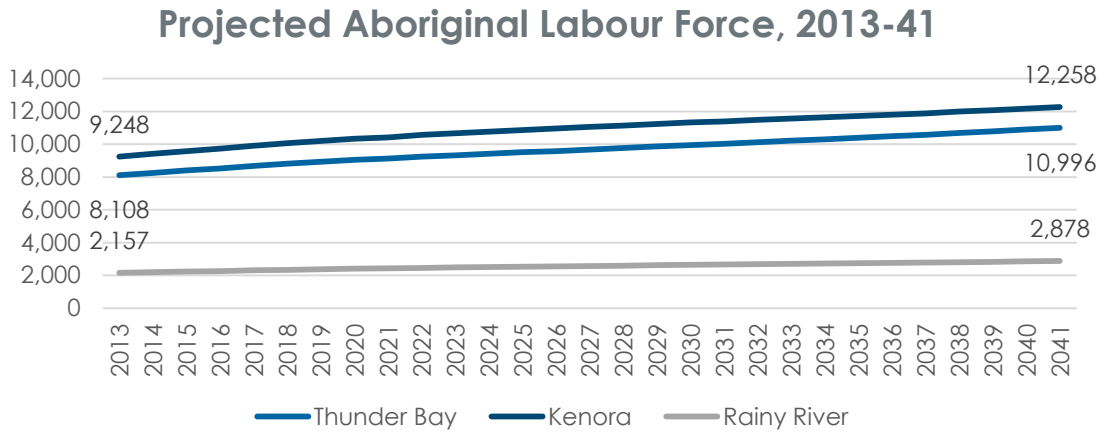
Trades	Replacement Demand	
	2011-2020	2011-2030
Industrial, electrical and construction trades	3,560	11,700
Maintenance and equipment operation trades	3,070	10,415
Other installers, repairers and servicers and material handlers	470	1,630
Transport and heavy equipment operation and related maintenance occupations	4,720	13,640
Trades helpers, construction labourers and related occupations	690	2,290
Total	**12,545**	**39,715**

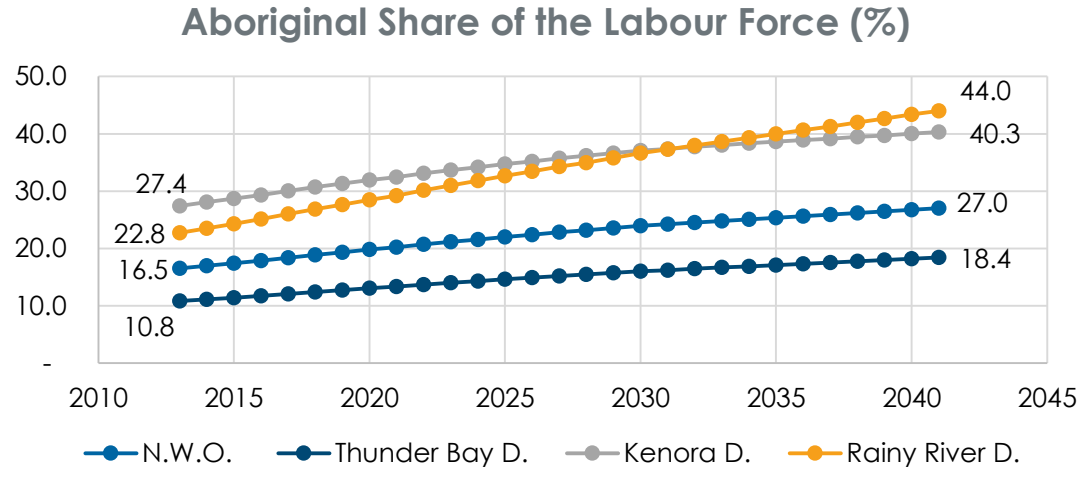
Source: NPI calculations based on Statistics Canada.

Will there be workers?

* NE in progress







Source: Moazzami, Bakhtiar. 2015. "Northwestern Ontario Districts." Unpublished manuscript. Thunder Bay: Northern Policy Institute.

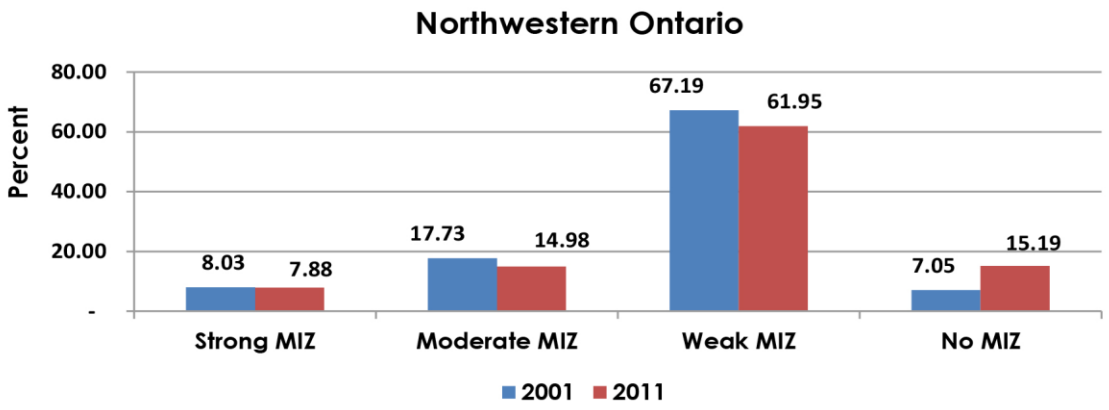
Northeast outperforms Northwest

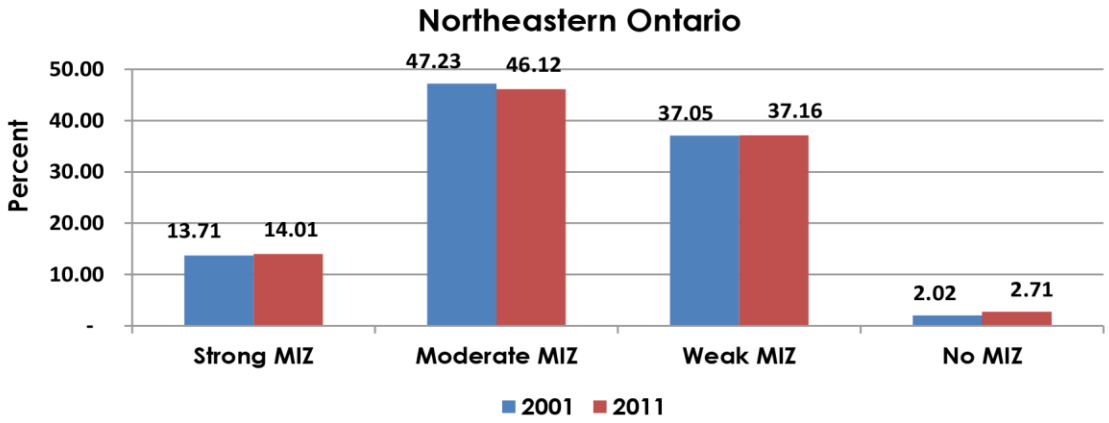
- Educational attainment for the Aboriginal population is much higher in the NE than the NW.
- Average income for everyone is higher in the NE than the NW.
- Dependency on government transfers is lower in the rural NE than in the rural NW.
- Participation rates are higher and unemployment rates lower in the very rural and remote parts of the NE than in the NW.
- There is a higher percentage of rural income earners in the NE than the NW (more people have jobs).
- There is greater economic activity in strongly rural areas in the NE than the NW.

Why? Think CONNECTIVITY

Source: ***It's what you know (and where you can go),*** Northern Policy Institute 2015

Connectivity – Northeast grid versus Northwest spines





Consistent Primary Data Collection

- Northern Surveys Project
  - Consistent data collection tools across the north (municipalities, chambers, other?)
- Working with LEPCs
  - Employerone – local labour demand
  - Vicinity Jobs - local labour demand
  - Magnet – local labour supply
- Working with United Way
  - Benchmarking progress against racism and exclusion

What is a "Community Data Consortium"?

- Legal group of organisations focused on the implementation of a public service goal
- Established at the community level
- Multi-stakeholder, multi-sector
- Comes together to acquire data
- Functions as a Community Development entity
- May include provincial government departments

Canadian Council on Social Development
Conseil canadien de développement social

Selection of data products from Schedule B

Region ← *Municipality* — *Neighbourhood* — *Blockface* →

Organisation	Data product	CMA/CA	CD	CSD	Postal City	FSA	CT	DA	Rural PC	PC	Custom
TransUnion	**Credit Report Characteristics**									✔	
Statistics Canada	**Census Profile**	🔓	🔓	🔓		🔓	🔓	🔓			✔
Statistics Canada	**Census Topic-Based Tabulations**	🔓	🔓	🔓		🔓	✔	✔			✔
Statistics Canada	**NHS Profile**	🔓	🔓	🔓			✔	✔			✔
Statistics Canada	**NHS Topic-Based Tabulations**	🔓	🔓	✔			✔	✔			✔
Statistics Canada	**Census/NHS Target Group Profiles**	✔	✔	✔			✔	✔			✔
Statistics Canada	**Census/NHS Custom Crosstabulations**	✔	✔	✔			✔	✔			✔
Statistics Canada	**Canadian Business Patterns**	✔	✔	✔		✔	✔				
Statistics Canada	**Taxfiler Data**	✔	✔		✔	✔	✔		✔		
Citizenship and Immigration Canada	**Permanent Residents Data Cube**	✔	✔	✔							
Environics Analytics / Canada Post	**Postal Code Conversion File** 🛠	✔								✔	
Environics Analytics	**ENVISION CensusPlus** 🛠	✔	✔	✔			✔	✔		m	m

🔓 Free and open data ✔ Available through CDP **m** Modelled data

And more!

- Geocoded business listings (in negotiations)
- Building Permits data
- General Social Survey
- Labour Force Survey
- Uniform Crime Reporting Survey

smallest available geographies

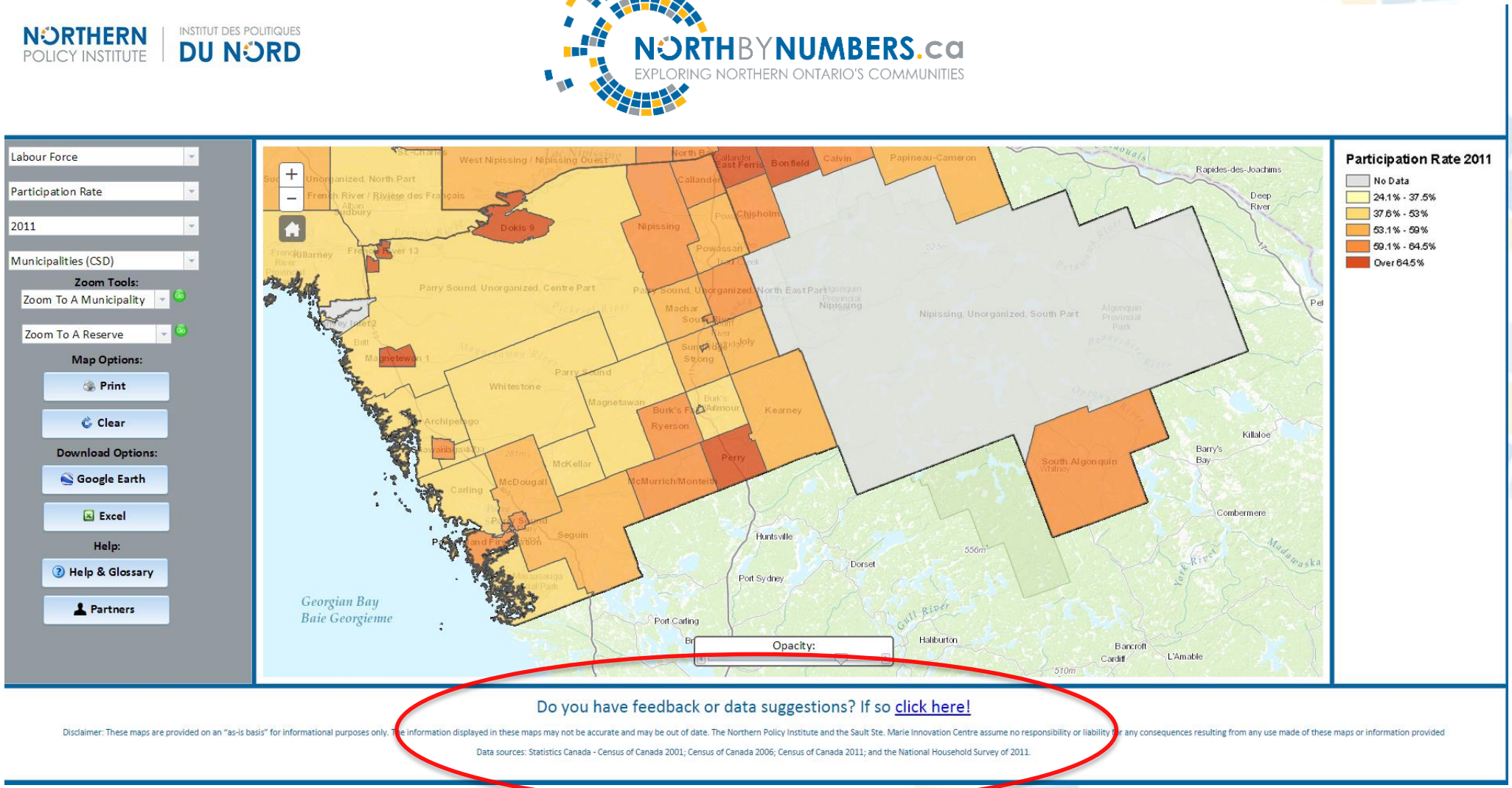
- Beyond 20/20 Professional Browser
- Plenty of other datasets (see *Resources* section of communitydata.ca for more information)

Plus your recommendations!

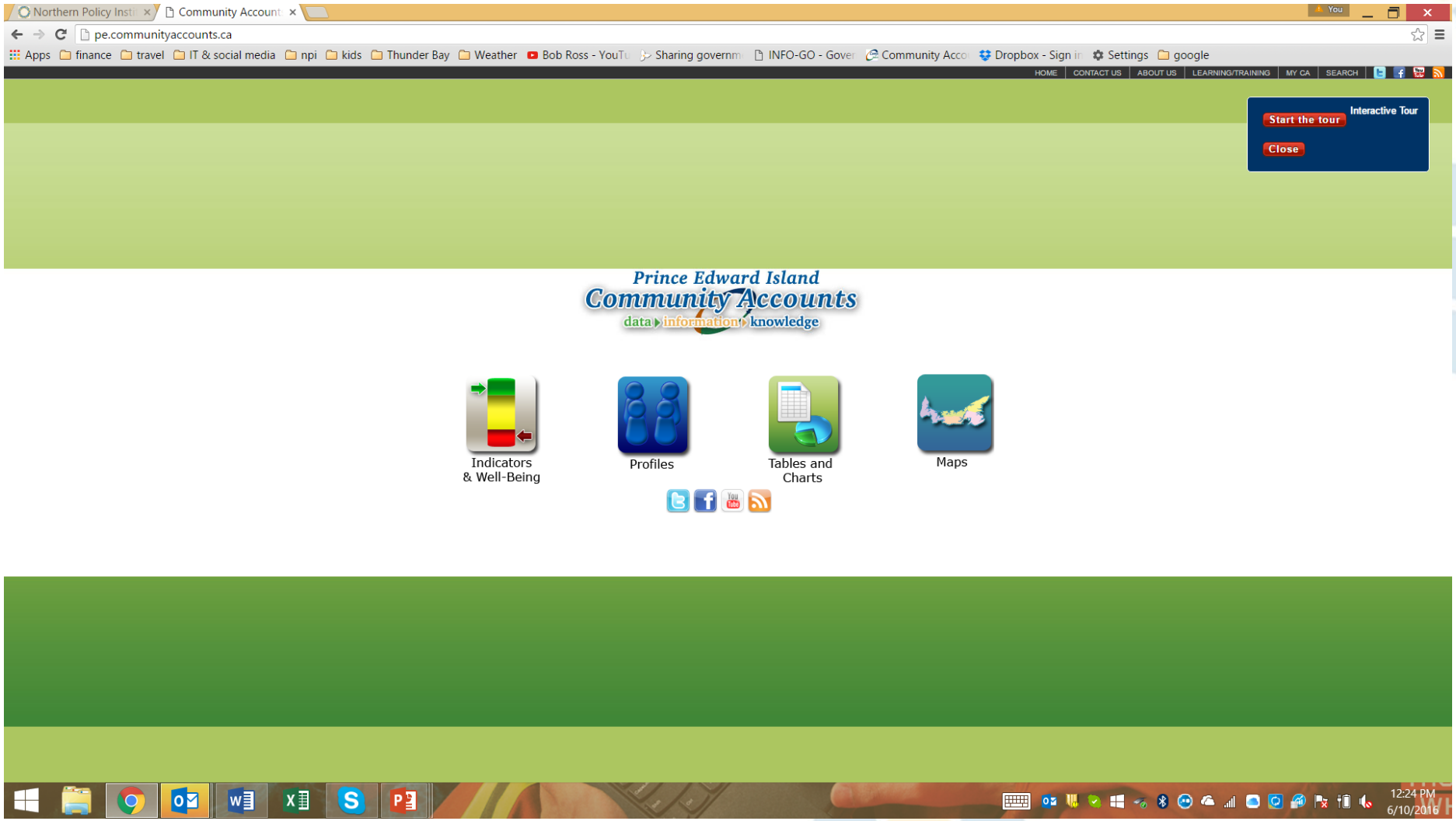
Enhancing Data Usage

- Data drill down
  - Ontario, Northern Ontario, NE/NW Ontario, Census Districts, Communities
- Labour Market 101
- Northbynumbers.ca “how to”
- No.communityaccounts.ca
- Northern Directions
  - Concordance analysis of community strategic plans
  - Alignment with internal capacity
  - Alignment with external realities

Any suggestions for other measures?



no.communityaccounts.ca



Northern Policy Insti | Kings County Indicat

pe.communityaccounts.ca/indicators.asp?_=vb7En4WVgaaz2XE_

Apps | finance | travel | IT & social media | npi | kids | Thunder Bay | Weather | Bob Ross - YouTu | Sharing governm | INFO-GO - Gover | Community Acco | Dropbox - Sign in | Settings | google

Community Accounts
data information knowledge

Interactive Tour
Start the tour
Close

Kings County Indicators and Well-Being

Change Geography | Analytical Features | Personal Indicators

About the Well-Being Account and the Indicators

The Well-Being Concept

Overview:

Personal or household income is generally regarded as the single best measure of the degree to which people are "well off." Our concept of well-being includes more than economic indicators and takes the approach that other factors such as health and education play a part in determining a community's or region's well-being.

About the Colors:

In order to answer the question, "How is the area doing relative to all other communities in the province?" we take each community and line them up from lowest to highest based on the indicator values. This gives us our entire range of values. We then take the closest match to the lower 25% of communities, the middle 50% of communities, and the upper 25% of communities. The range of values representing this bottom range of communities is colored red, the top range is colored green and the range of values representing the middle group of communities is colored yellow. We then show where the value for your chosen geography falls (represented by the colored square), and from this you can [illegible]n is doing compared to all communities in the province.

About the Well-Being Colors

Community Accounts Indicators of Well Being

Indicator	Value		PEI County Rank	Community Charts and Maps		
Median After-Tax Family Income (Year: 2006) about	47400	2nd of 3	Ranks Table	Charts	Map
Population Change (Year: 2006 Census, Gender: Total) about	-3.3	3rd of 3	Ranks Table	Charts	Map

About Personal Indicators

An important part of the plan to deliver information to users on the indicators that affect their own personal well-being, this new feature allows users to select from a collection of variables throughout the site. These indicators can then be used in all the features found in the well-being account. By using the Contact Us feature and other ways of communicating with Community Accounts, we hope to also find out more of the areas which people consider important to their well-being which are not being recorded in the data currently available.

Adding Personal Indicators

Once you have signed in to My Community Accounts, indicators can be added two ways: from a table that you are viewing on the site using our new Value Breakdown feature, or from the "Browse and Select Indicators" link.

This is currently undergoing testing for the PEI site, but try it at nl.communityaccounts.ca for the NL tables!

12:29 PM
6/10/2016

Partnering Opportunities

- Identification of key measures
  - northbynumbers.ca, no.communityaccounts.ca
- Data and research sharing
  - Knowledge North, Northern data consortium
- Specific projects
  - Northern Directions, InvestNorth, Northern Attraction

Thank you. Merci. Miigwetch.

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www.northernpolicy.ca