

# Northern Policy Institute

City of Thunder Bay  
Executive Management Team

23 February 2017

by President & CEO, Charles Cirtwill



# What is NPI?

Northern Policy Institute is a **think tank** that conducts **independent** policy work, to be used as **evidence-based** analysis for **effective** decision making to sustain and grow Northern Ontario.

- **Independent** – authors are free from interference from everyone, including us
- **Non-partisan** – we do not take “sides”
- **Evidence based** – we collect, measure and interpret data
- **IN the North** – we deal with local, regional, provincial, national and international issues from a northern perspective
- **Not an advocacy group (ideas, not interests) and NOT a consultant**

# Three ways **YOUR** issue gets on **OUR** to-do list

## 1. Top Ten Northern Issues:

Northern Policy Institute is the **ONLY** Think Tank in Canada that sets its research agenda based on feedback we receive from our community members, all 780,000 of them. We update, on a quarterly basis, the “top ten” issues we are hearing about.

## 2. Single Window on Northern Issues:

YOU do the work, commission the study, and you send it to us for re-publication or dissemination. A big part of our job involves avoiding wasteful duplication of effort and getting the word out about what has already been done.

## 3. Willing to Partner – but no guarantees:

NOT a consulting service, but will partner – in cash, or in kind – to expedite needed work. We just can't promise you will like the answer.

# Specific Partnership Opportunities – NPI & City of Thunder Bay

## 1. **Measuring Sustainable Growth**

- Improve balance and quality of measures by working together to identify, track and share

## 2. **Knowledge North (data and research sharing)**

- Maximize value of online research library by working together

## 3. **Data Usage Workshops**

- (Labour Market 101, how to sessions for NODC/Northbynumbers, communityaccounts, knowledge north – note sessions are 1hr to full day)
- Looking for partners to host training sessions – you run the event, we provide session and materials

## 4. **Northern Ontario Data Consortium (NODC)**

- Combine resources to share data purchase costs and lower barriers for everyone

## 5. **Northbynumbers.ca**

- Public standing open invitation to suggest new measures to include
- Open to discussing financial contribution towards stage 2 (new census data and expanded local measures) in exchange for partner level recognition

## 6. **No.communityaccounts.ca**

- Combine resources to expedite platform implementation and expedite stage 2 (move to lower levels of reporting)

# 1. Measuring Sustainable 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 & air quality,
- investments in R&D & conservation



## Indigenous

- category or lens?
- all of the above,
- plus: respect,
- collaboration,
- shared decision making



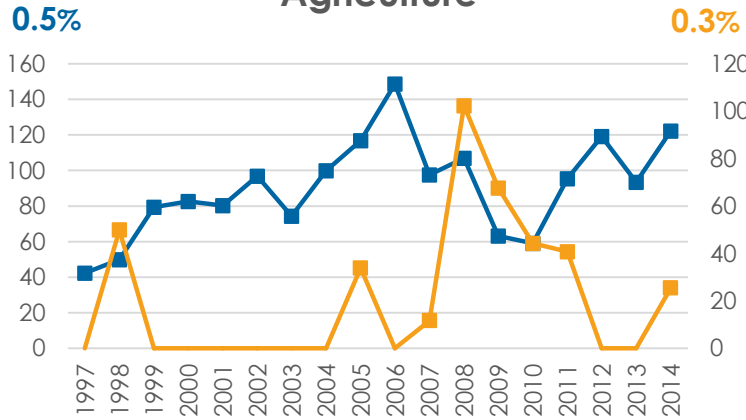
## Infrastructure

- age,
- quantity,
- quality, impact (build and operate)

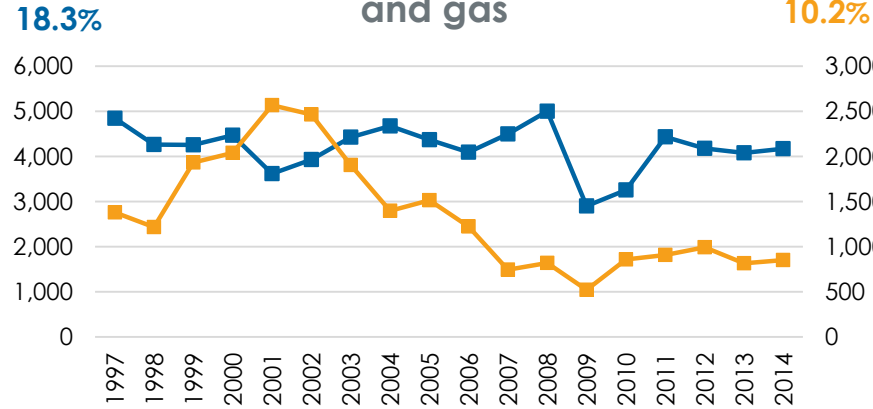
# GDP by goods-producing industry (chained 2007 dollars x1,000,000)

■ Northeast Ontario    ■ Northwest Ontario

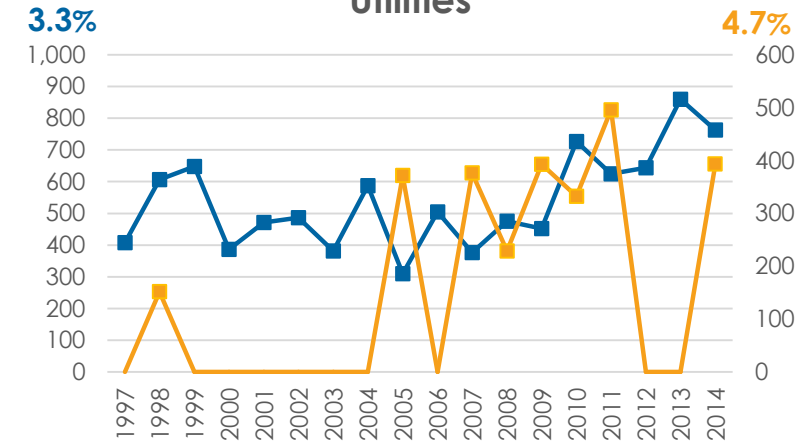
### Agriculture



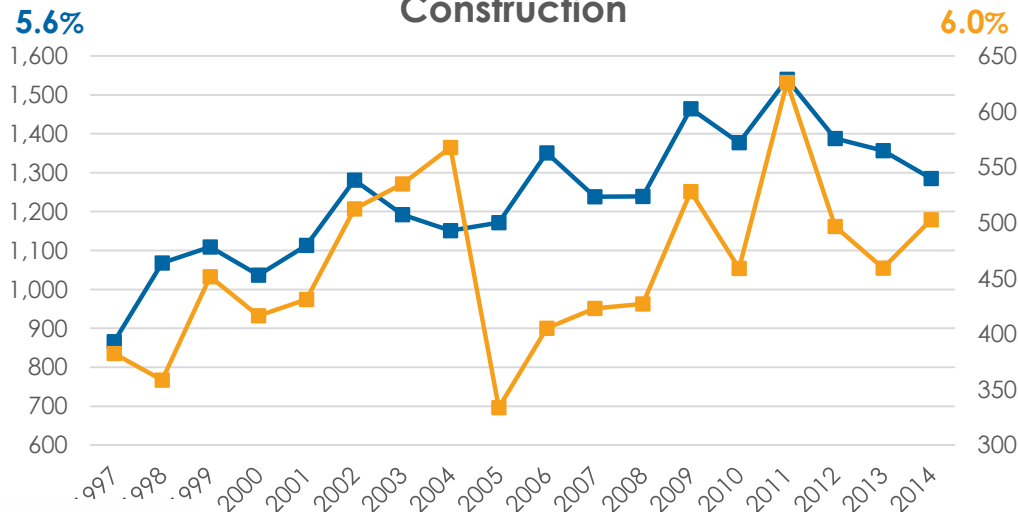
### Forestry, fishing, mining, quarrying, oil and gas



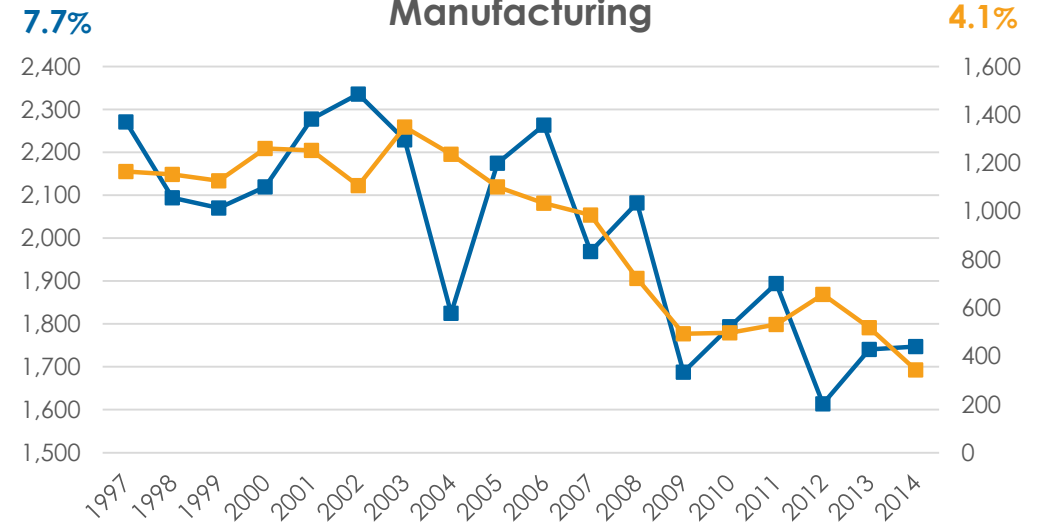
### Utilities



### Construction



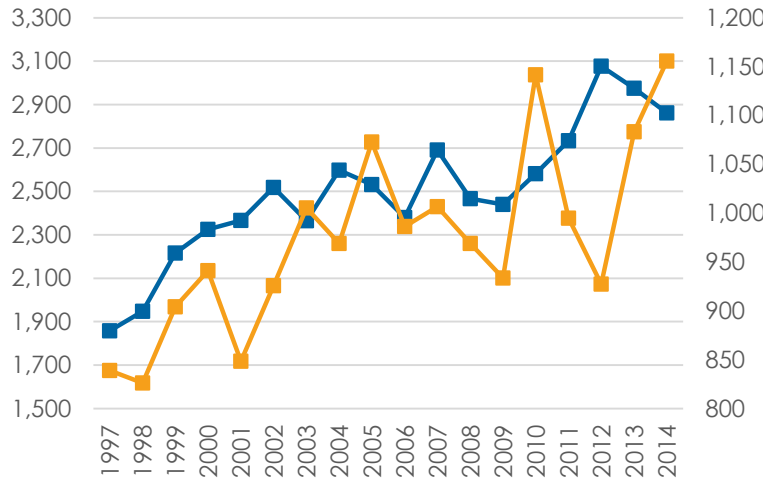
### Manufacturing



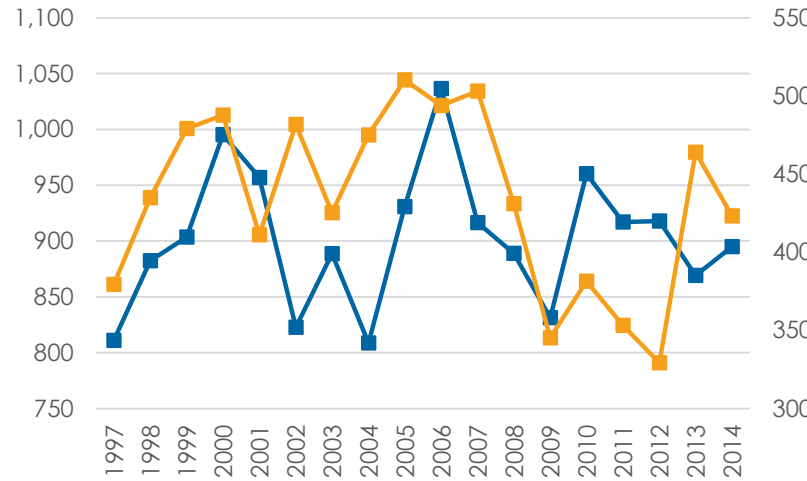
# GDP by services-producing industry

■ Northeast Ontario    ■ Northwest Ontario

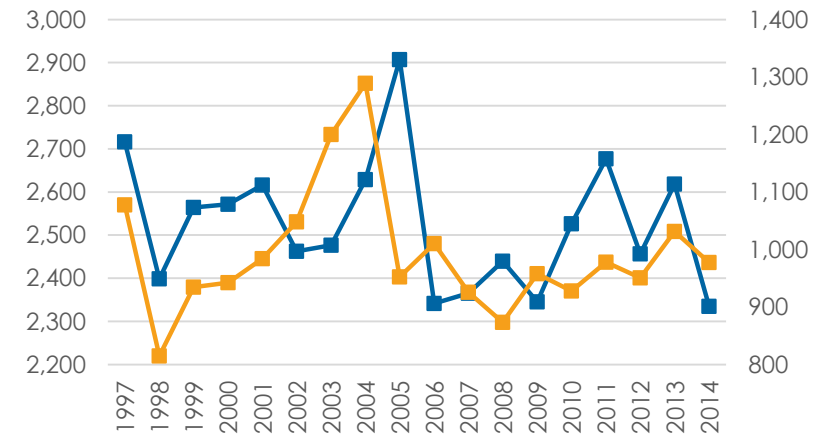
**12.5%** Trade (Wholesale and Retail) **13.9%**



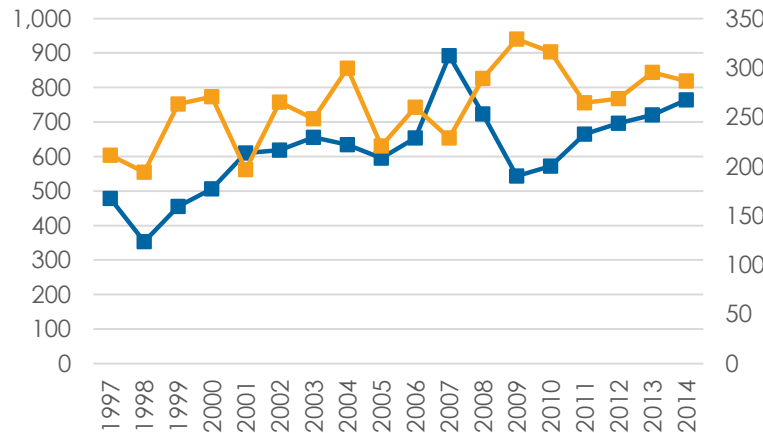
**3.9%** Transportation and Warehousing **5.1%**



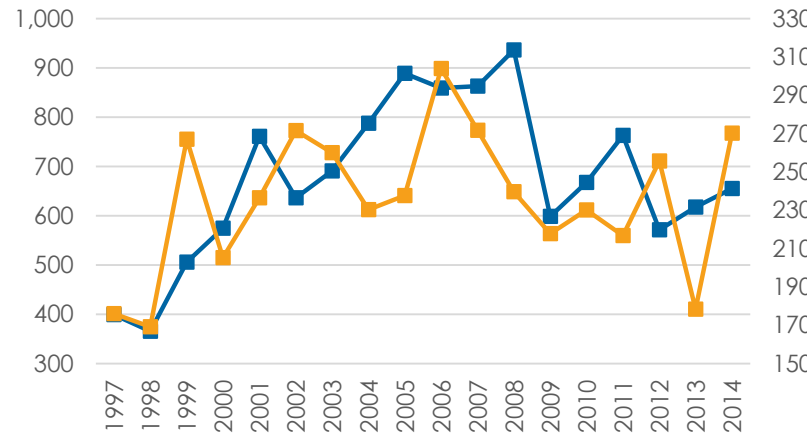
**10.2%** Finance, insurance, real estate & leasing **11.7%**



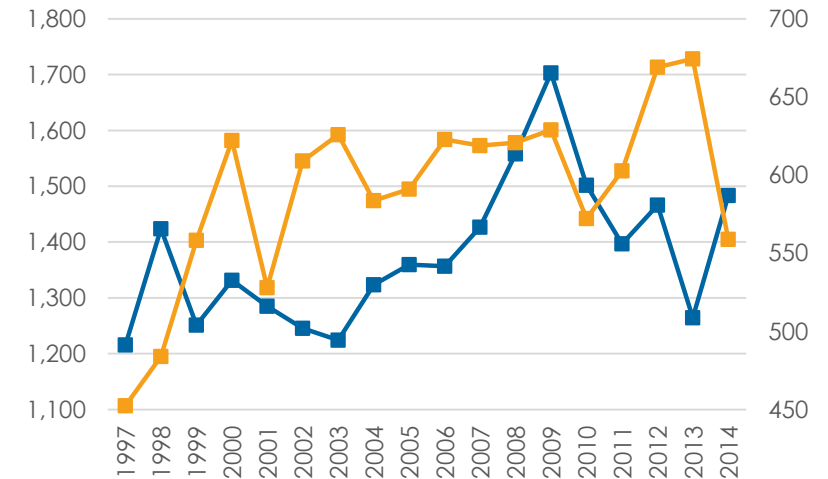
**3.3%** Professional, scientific & technical services **3.4%**



**2.9%** Business, building & other support services **3.2%**



**6.5%** Educational services **6.7%**



## 2. Knowledge North

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### Online searchable library

- Reports
- Policy statements
- Formal submissions
- Research papers
- Discussions papers
- Position papers

### Sorted into our six areas of interest:

- Communities
- Demographics
- Environment
- Economy
- Indigenous
- Infrastructure



Over **1400** documents collected already assessing platforms now to make the material available online.



# Research Findings: Northeast outperforms Northwest

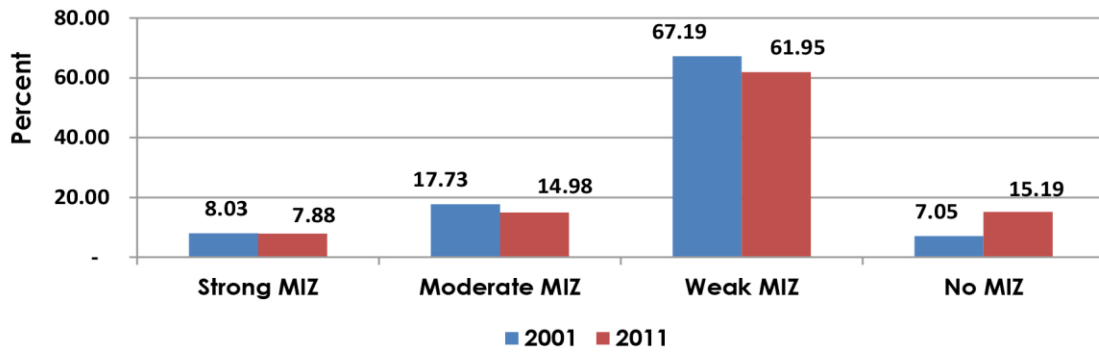
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- Educational attainment for the Indigenous population is much higher in the NE than the NW.
- Average income for everyone is higher in the NE than the NW.
- Dependency on government transfers is lower in the rural NE than in the rural NW.
- Participation 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.

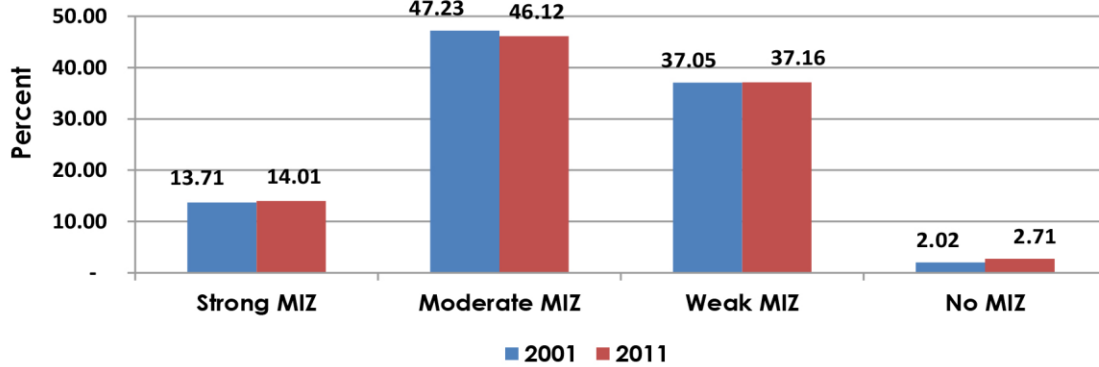
**Why? Think CONNECTIVITY**

# Connectivity – Northeast grid versus Northwest spines

### Northwestern Ontario



### Northeastern Ontario



# 3. Enhancing Data Usage

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## Baseline setting:

- Ontario, Northern Ontario, NE/NW, Census Districts, Communities (CSDs)

## Data education:

- Labour Market 101
- Northbynumbers.ca “how to”
- No.communityaccounts.ca “how to”

## Usage Assessment - Northern Directions

- Concordance analysis of community strategic plans
- Alignment with internal capacity
- Alignment with external realities

# Baseline Setting: Consistent Primary Data Collection

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## Northern Surveys Project

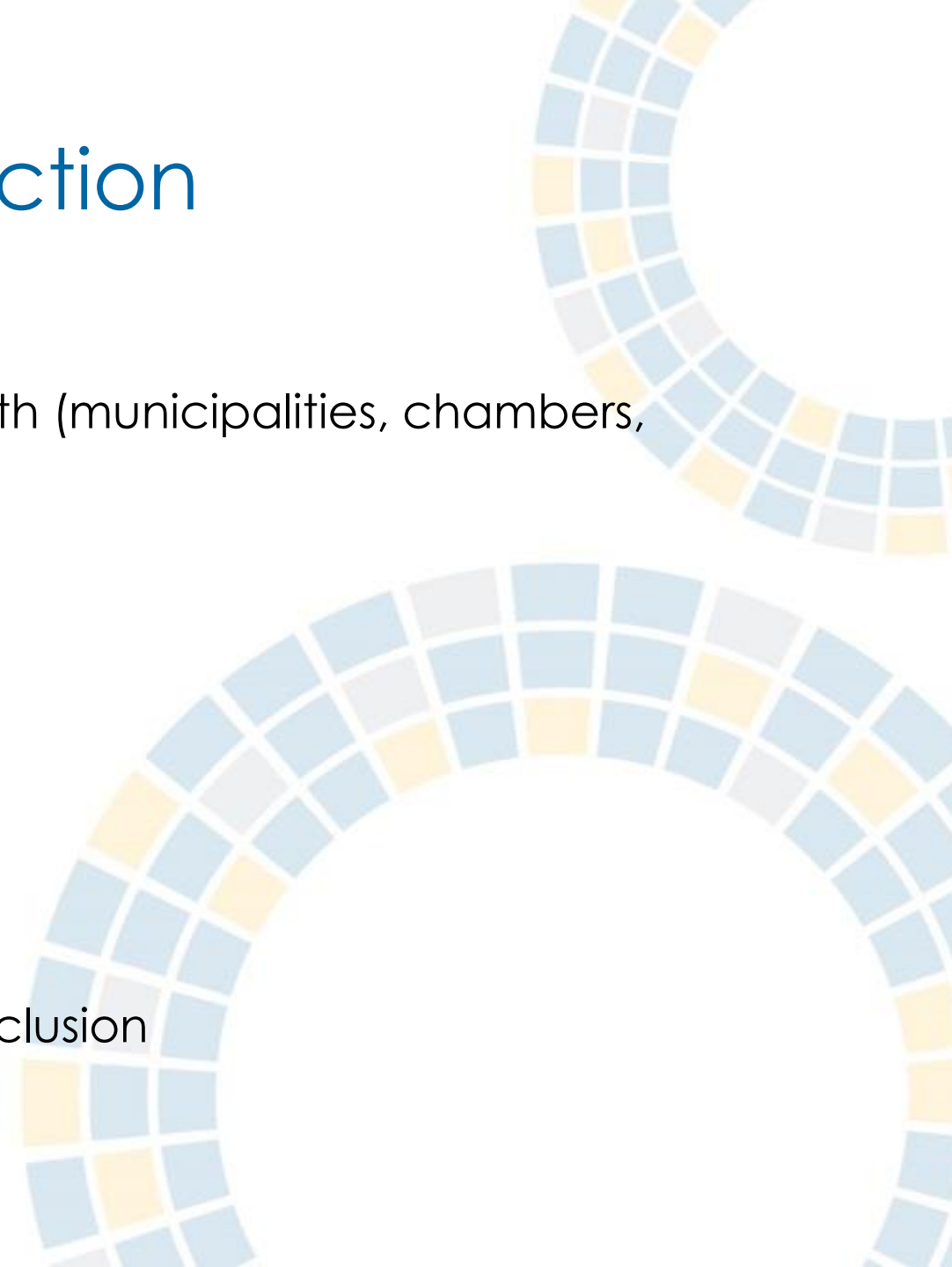
- Consistent data collection tools across the north (municipalities, chambers, other?)

## Working with LEPCs

- Employerone – local labour demand
- Vicinity Jobs - local labour demand
- Magnet – local labour supply

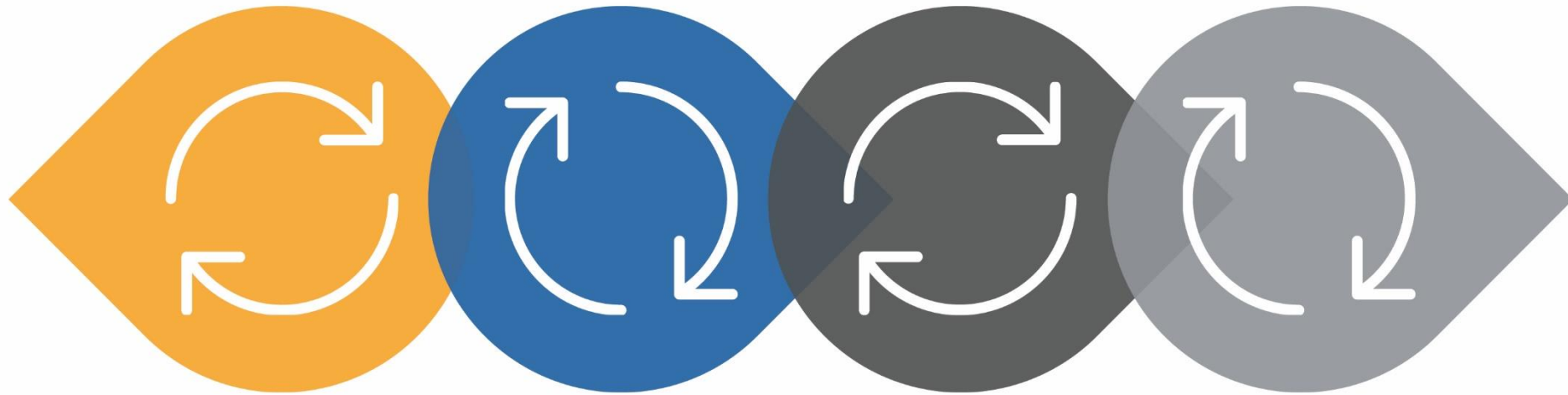
## Working with United Way

- Benchmarking progress against racism and exclusion



## 4. Northern Ontario Data Consortium

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**NORTHERN ONTARIO DATA CONSORTIUM**

# Service needs assessment

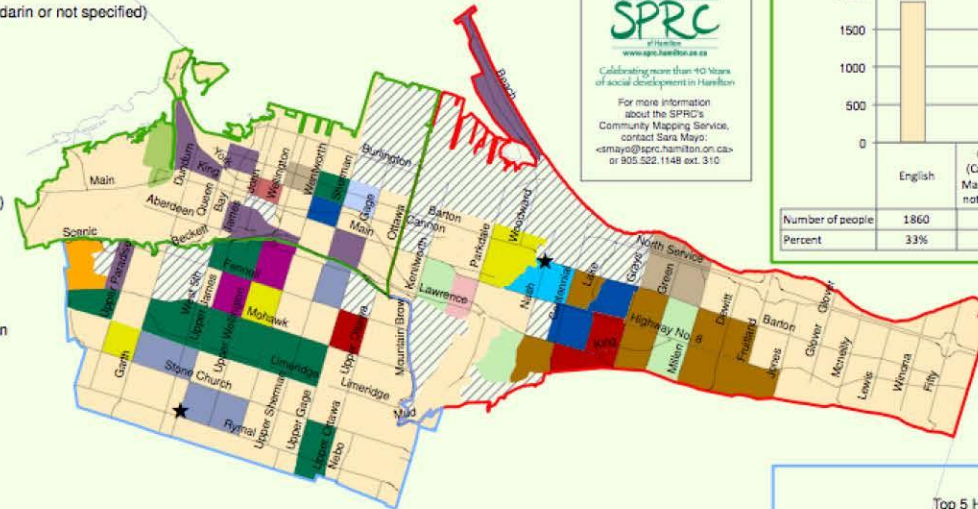
## Hamilton, Ontario

### Recent Immigrants (2001-2006) in Selected Regions of Hamilton: Home Languages

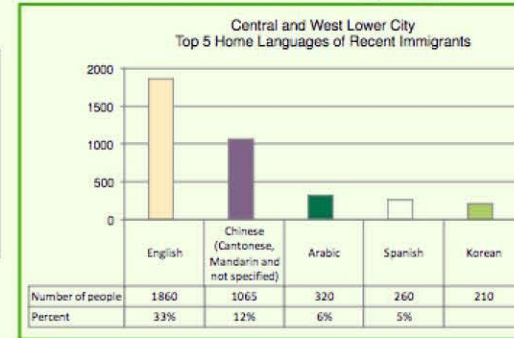
#### Most Common Home Language of Recent Immigrants in each Census Tract

- Arabic
- Chinese (Mandarin or not specified)
- Croatian
- English
- Gujarati
- Korean
- Hungarian
- Persian (Farsi)
- Punjabi
- Portuguese
- Romanian
- Serbo-Croatian
- Tagalog
- Tigrigna
- Turkish
- Ukrainian
- Urdu
- No data

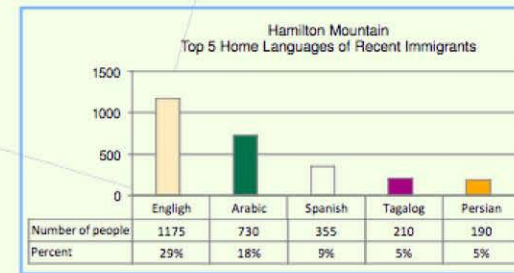
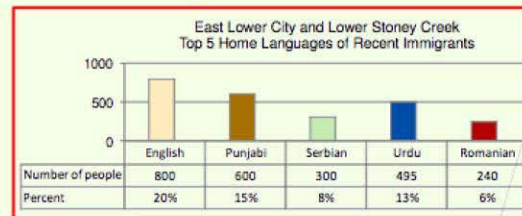
- Boundaries and Landmarks**
- Central and West Lower City
  - Hamilton Mountain
  - East Lower City and Stoney Creek
  - Major Roads
  - Service Canada Offices



**SPRC**  
of Hamilton  
www.sprc.hamilton.on.ca  
Celebrating more than 40 Years  
of social development in Hamilton  
For more information  
about the SPRC's  
Community Mapping Service,  
contact Sara Mayo:  
smayo@sprc.hamilton.on.ca  
or 905.522.1148 ext. 310

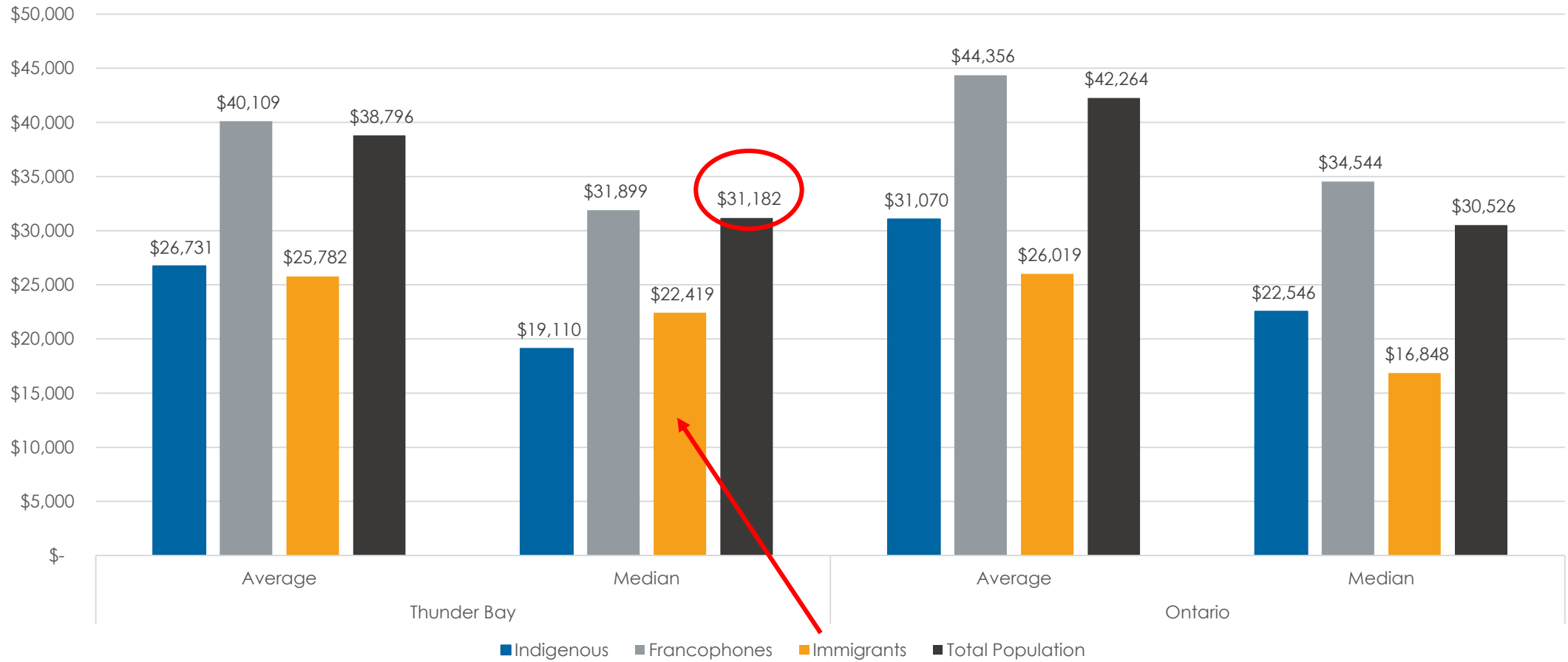


Data Source: 2006 Census, Statistics Canada  
(Table EO1213\_2006\_TGP\_5A\_CMA\_CT)



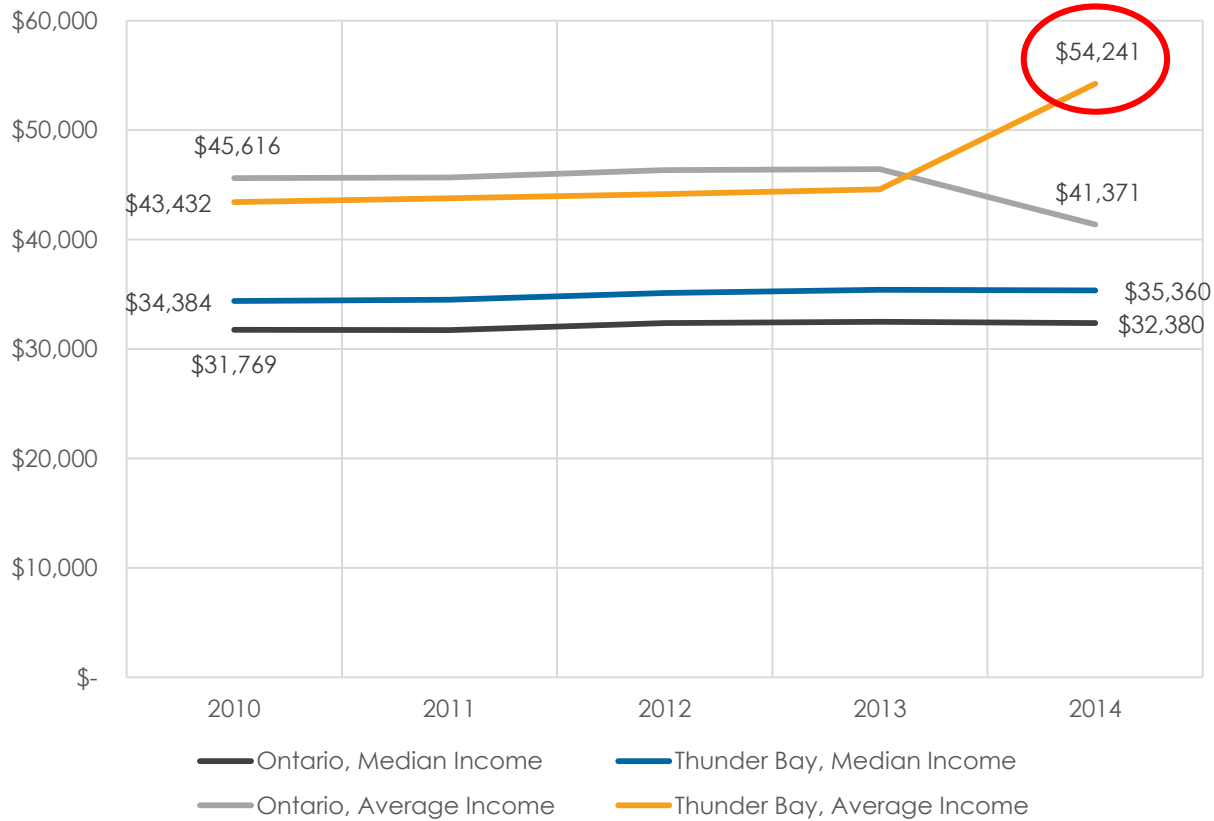
# Income

Income by Population Group, 2011

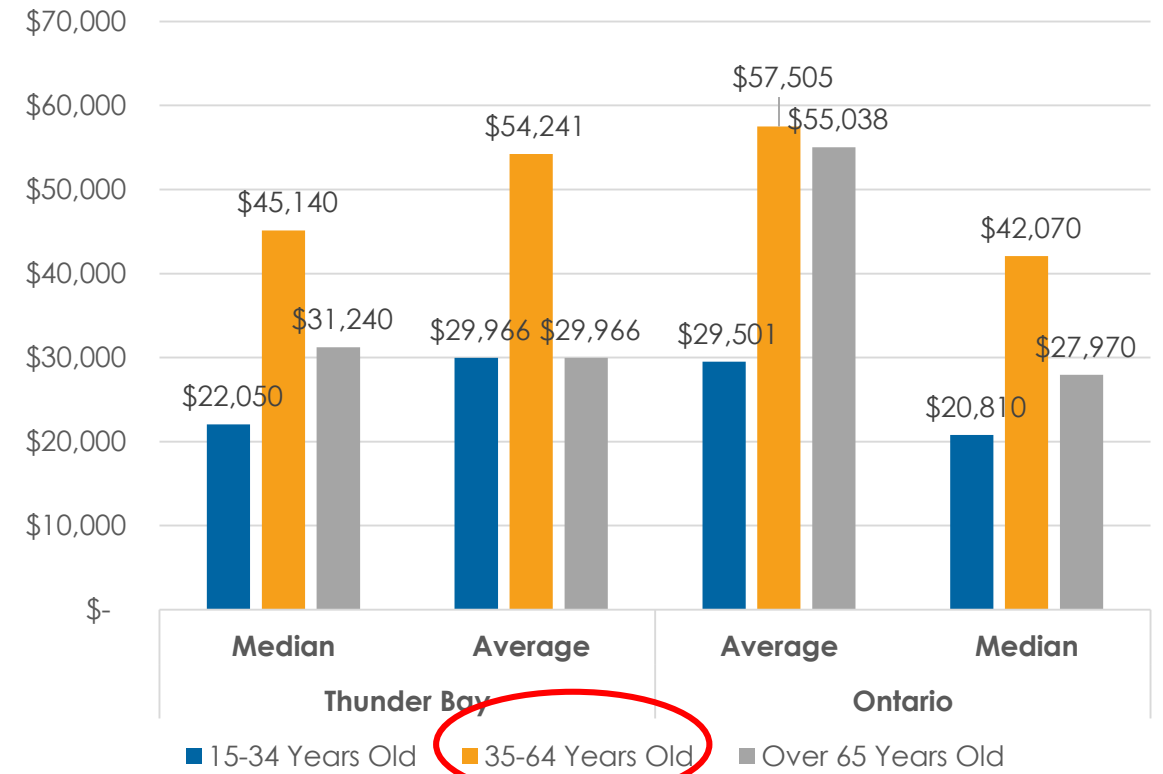


# Income

Income in 2014 Dollars



Income by Age Group, 2014





# 5. NorthByNumbers

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**Northern Ontario data** is now just a click away. Northern Policy Institute, North Superior Workforce Planning Board, and the Sault Ste. Marie Innovation Centre are pleased to launch **Northbynumbers.ca**, an **interactive data tool** that displays Northern Ontario census data from between 2001 and 2011.

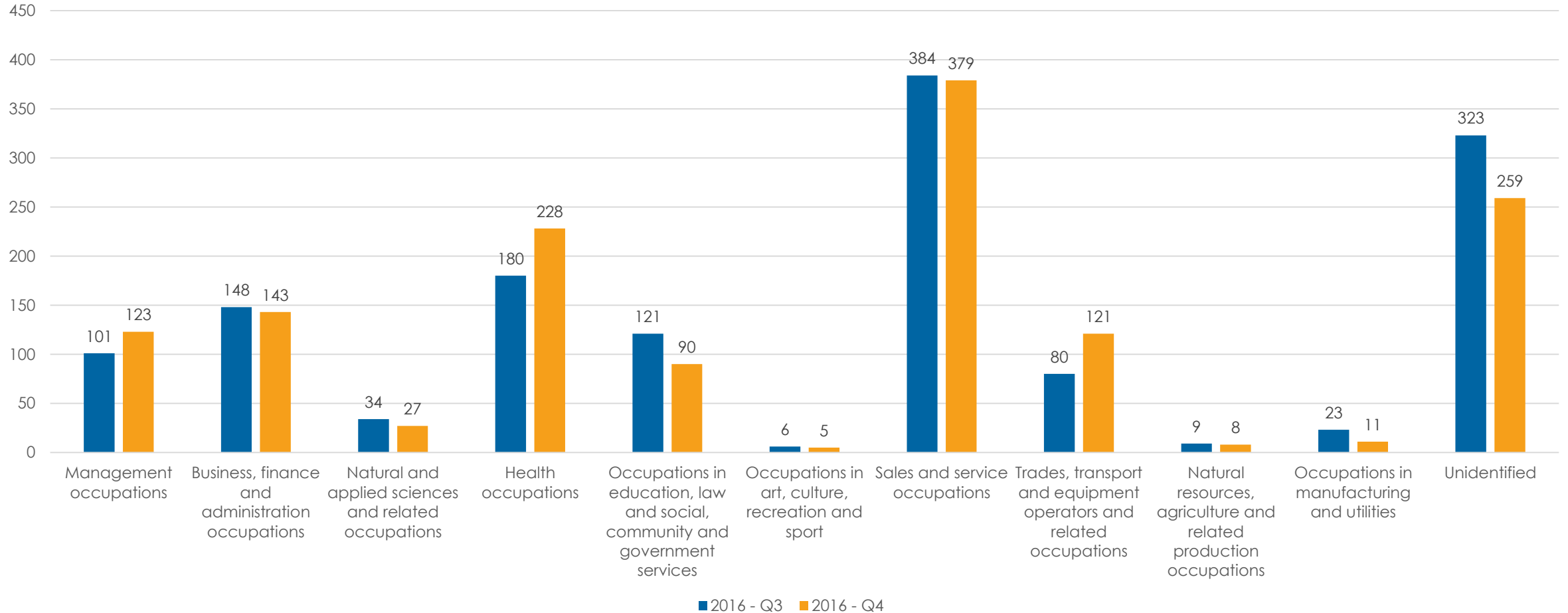
Identity, income, housing, education, employment, mobility, age and population statistics – at the District, community and even neighborhood level!\*

\* - where available

1,409 Job Postings in Thunder Bay in the Third Quarter of 2016

1,394 Job Postings in Thunder Bay in the Fourth Quarter of 2016

Job Postings by Occupation, Thunder Bay



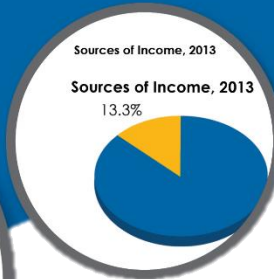
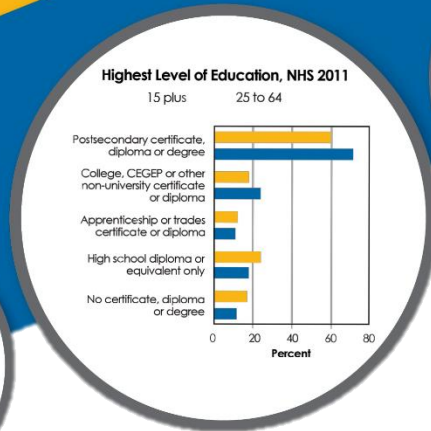
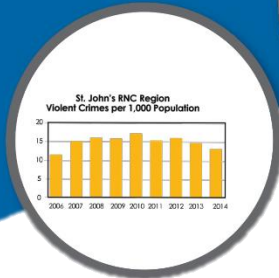
## Top 5 Job Vacancies by Occupation Category in Thunder Bay: Sales and Services, and Health Occupations in High Demand

Thunder Bay, Q4 2016	Number of Vacancies
Registered nurses and registered psychiatric nurses	106
Other sales related occupations	75
Retail and wholesale trade managers	66
Other customer and information services representatives	56
Licensed practical nurses	50

# Occupations Offering Higher Wages in Northwestern Ontario than in Ontario

Offered Wages by Occupation, 2016 Q3	Northwestern Ontario	Ontario	Difference Between NW and Ontario
Maintenance and equipment operation trades	\$26.30	\$23.10	\$3.20
Office support occupations	\$19.40	\$16.80	\$2.60
Assisting occupations in support of health services	\$19.70	\$17.60	\$2.10
Care providers and educational, legal and public protection support occupations	\$19.25	\$17.50	\$1.75
Professional occupations in nursing	\$33.55	\$31.85	\$1.70
Service supervisors and specialized service occupations	\$14.05	\$13.50	\$0.55

# 6. CommunityAccounts



Coming soon

[No.communityaccounts.ca](http://No.communityaccounts.ca)

An open access online information system with data from 2001, 2006, 2011 and 2016!

Indicators of community well-being, profiles, tables, charts and a link to [northbynumbers.ca](http://northbynumbers.ca) NPI's existing public GIS tool for understanding your community and our region....

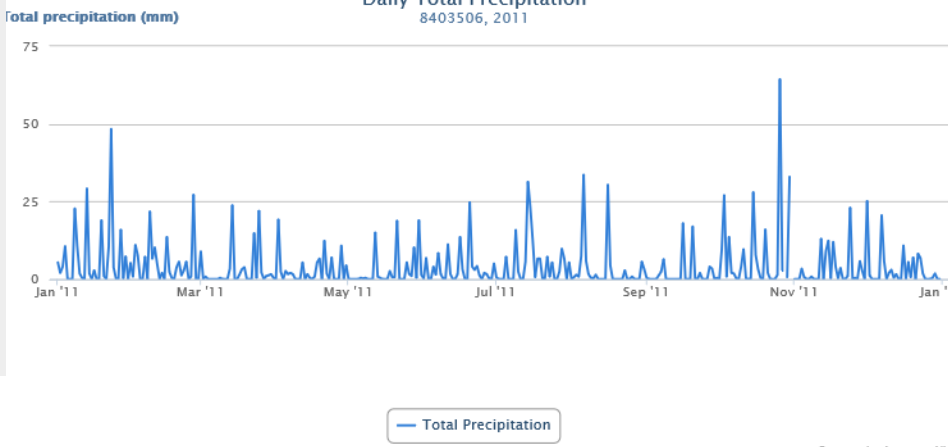
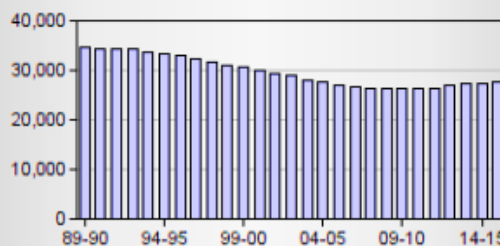
Not just Census numbers but taxfiler, health, crime and other local data too!

### Self-Assessed Health Status, 2013

Poor

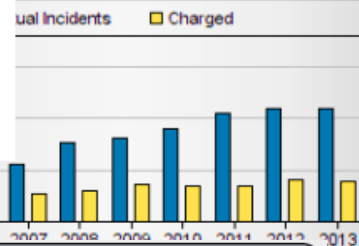
School Year	1989-1990	2015-2016
	34,671	27,533
	10,337	8,912
	7,923	6,275
	8,070	6,000
	7,902	6,346

### Local Area 17: Northeast Avalon School Enrolment, All Grades

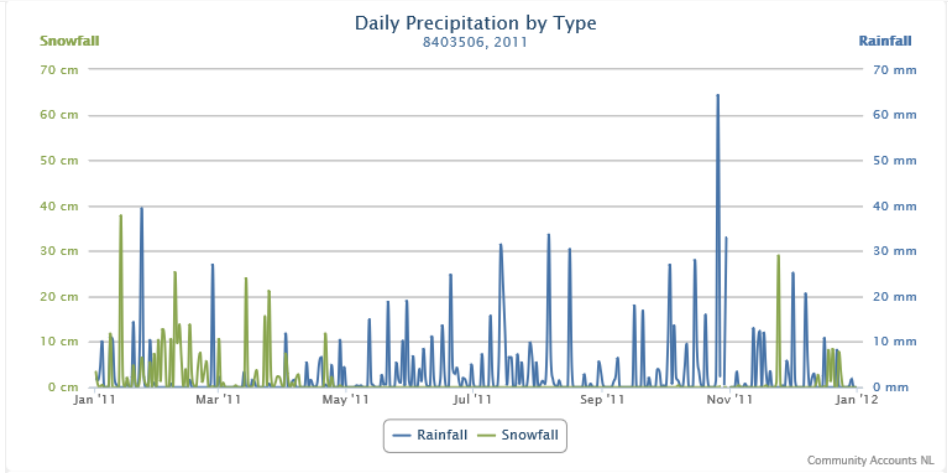
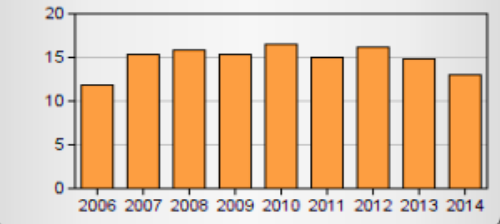


## Sample of data from St. John's Community Profile

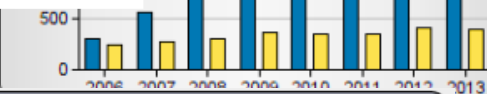
### St. John's RNC Region Impaired Driving



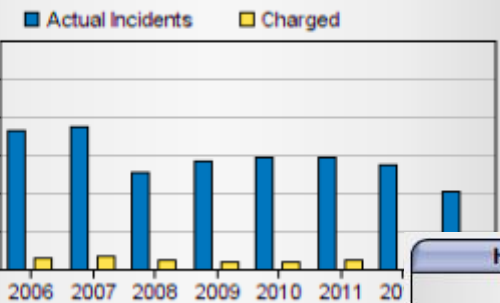
### St. John's RNC Region Violent Crimes per 1,000 Population



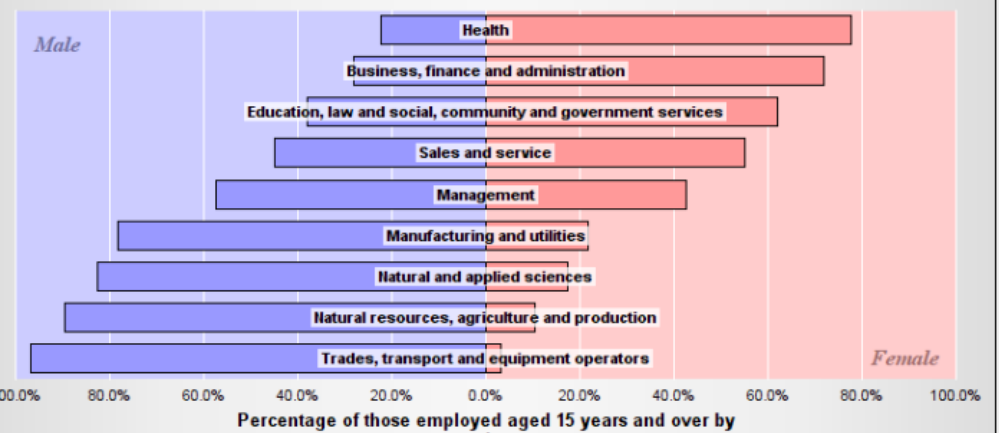
Current Daily Smoker



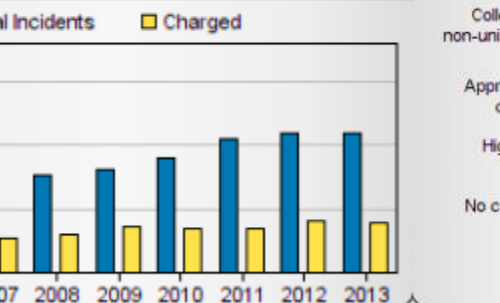
### St. John's RNC Region Breaking and Entering



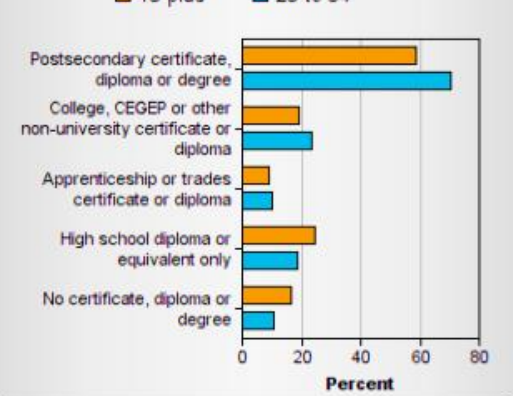
### National Occupation Classification (NOC 2011) by Gender, aged 15 years and over 2011 National Household Survey (reference week of May 1-7, 2011)



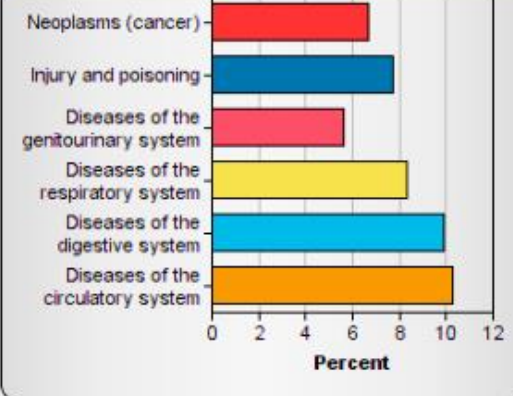
### St. John's RNC Region Impaired Driving



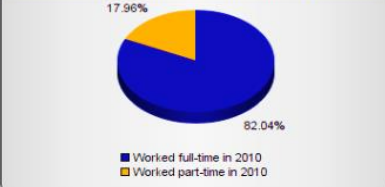
### Highest Level of Education, NHS 2011



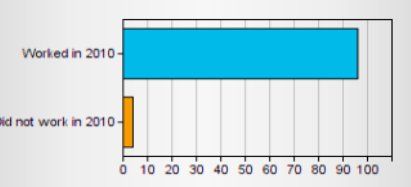
### Hospital Morbidity/Separations by Diagnosis, 2012-2013



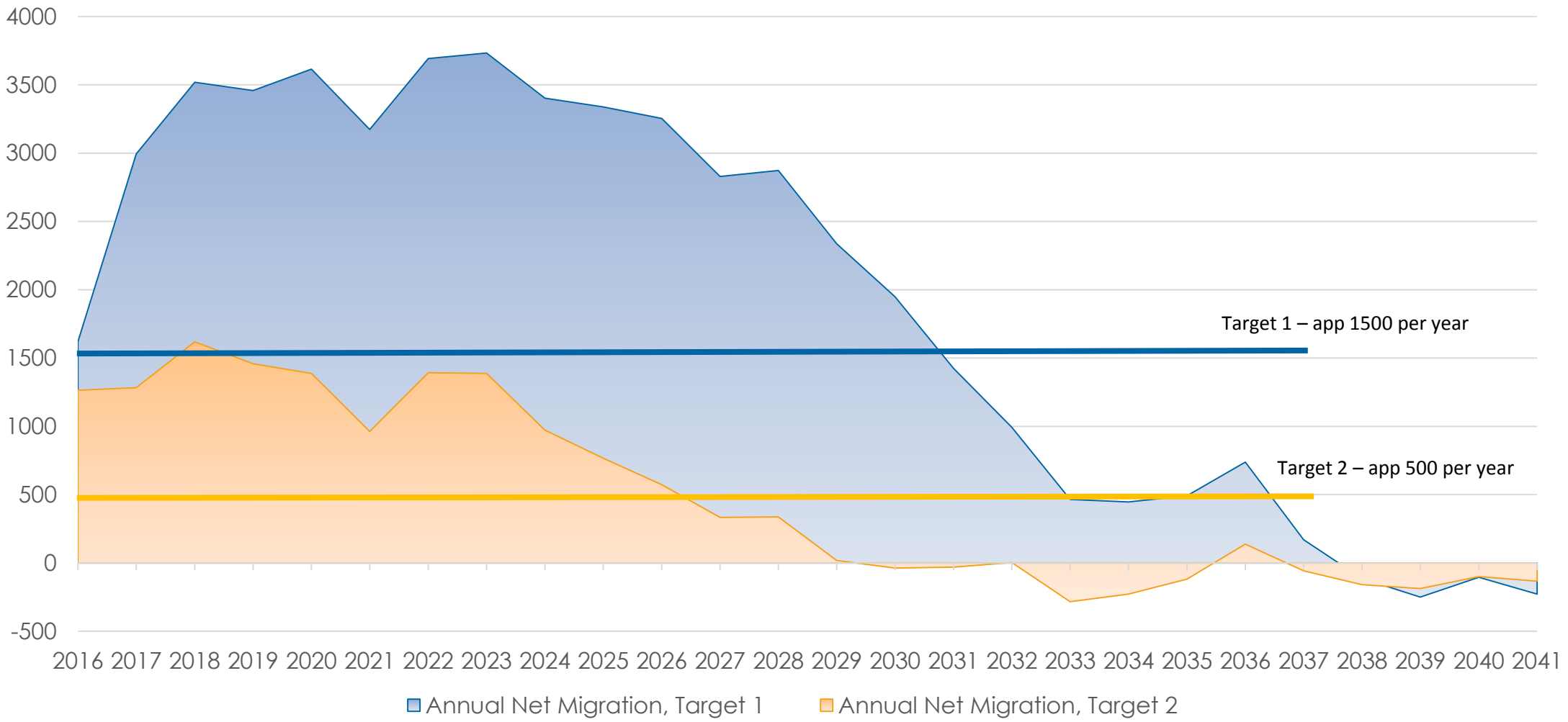
### Full-time vs. part-time workers aged 15 plus 2011 National Household Survey



### Total labour force aged 15 years and over 2011 National Household Survey

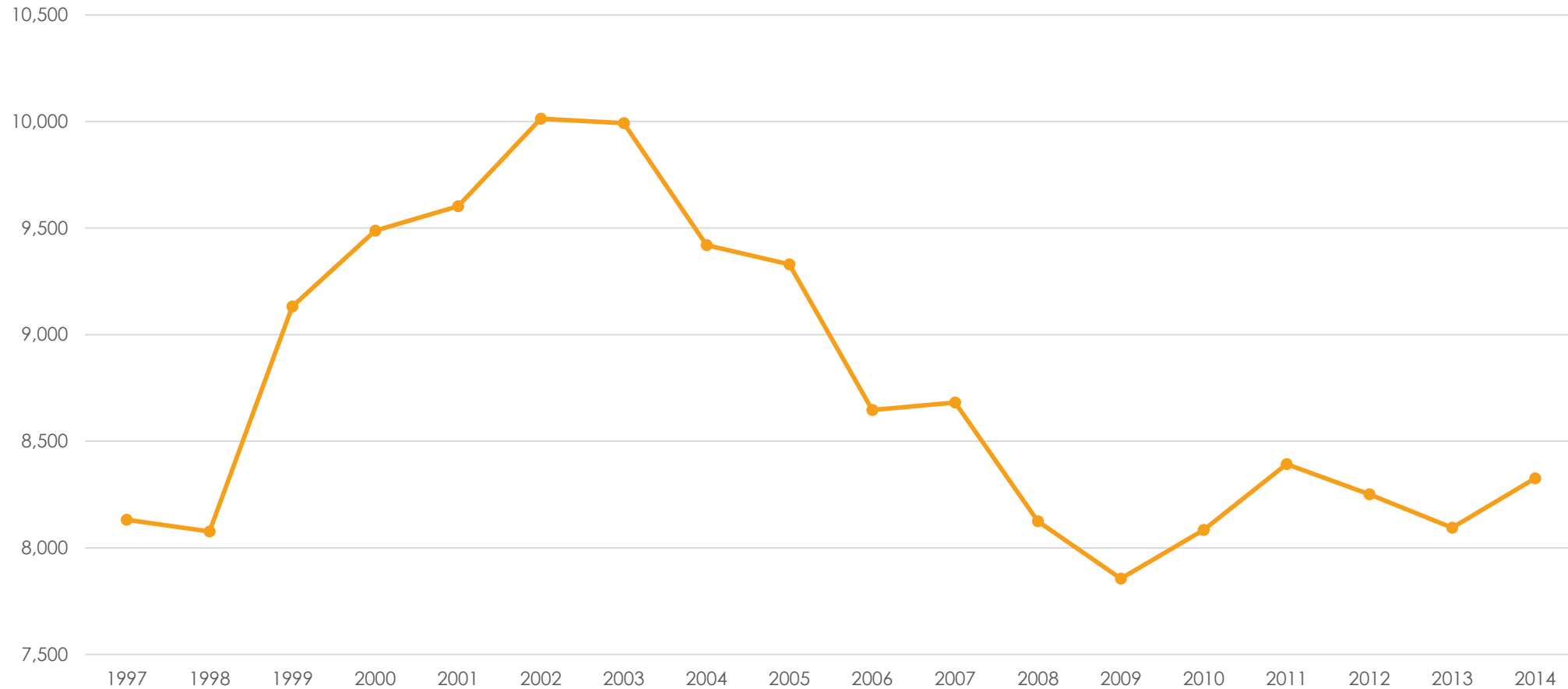


# Required Annual Net Migration – Thunder Bay



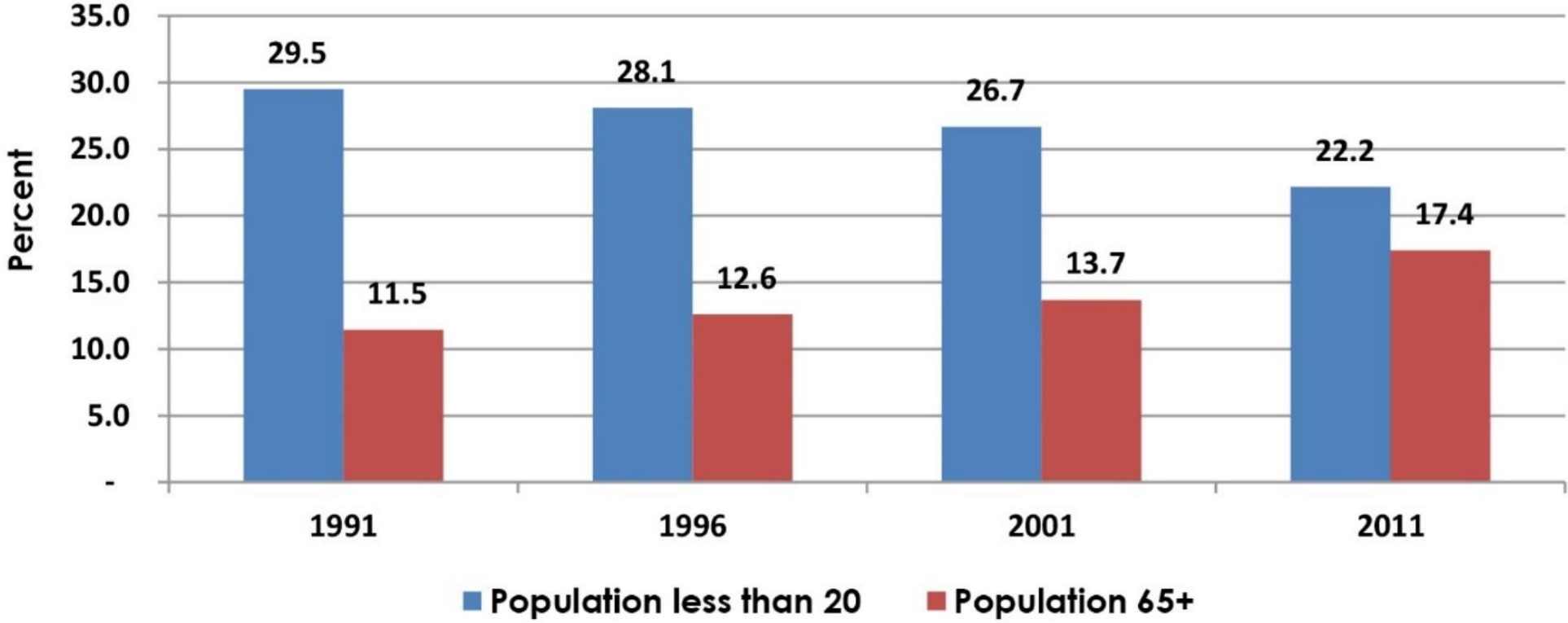
# But things are going better, aren't they?

Northwest Ontario – GDP 2007 chained dollars, millions



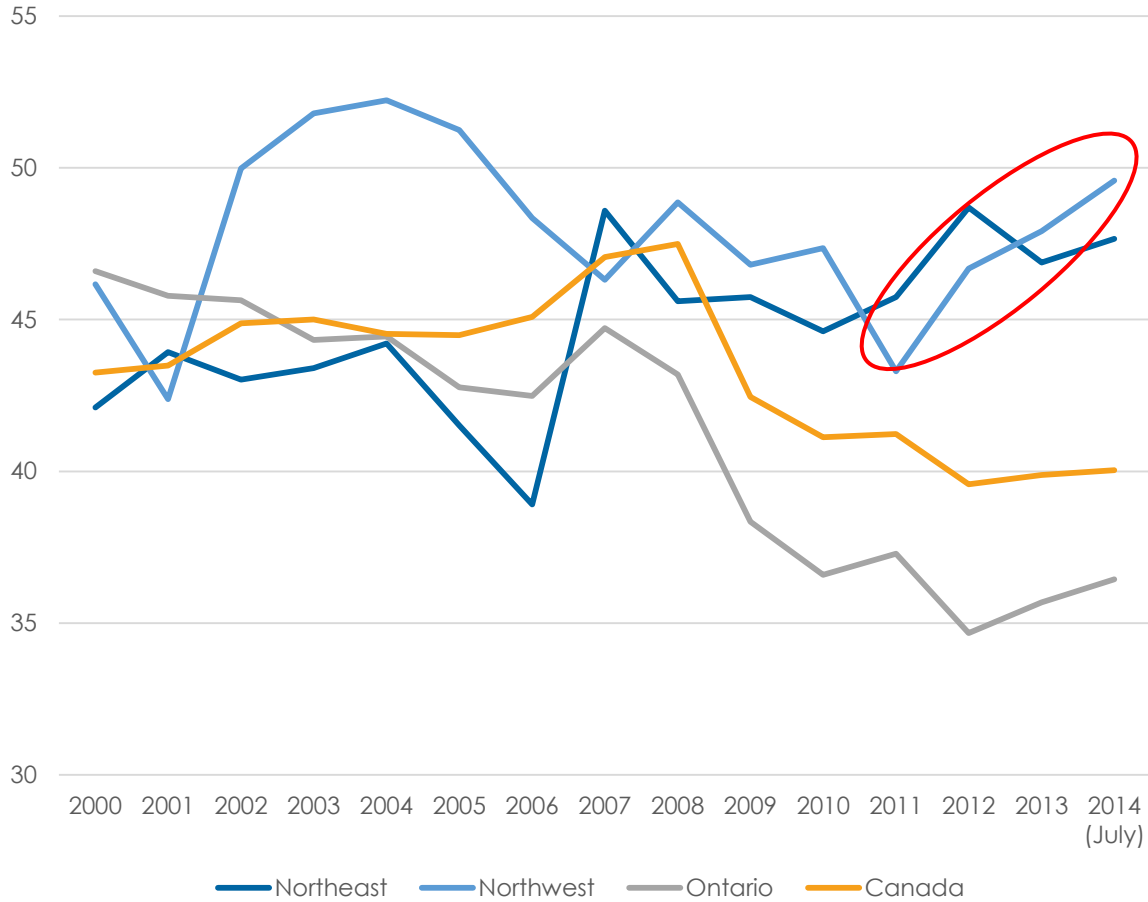


# If we were getting younger, but we are not

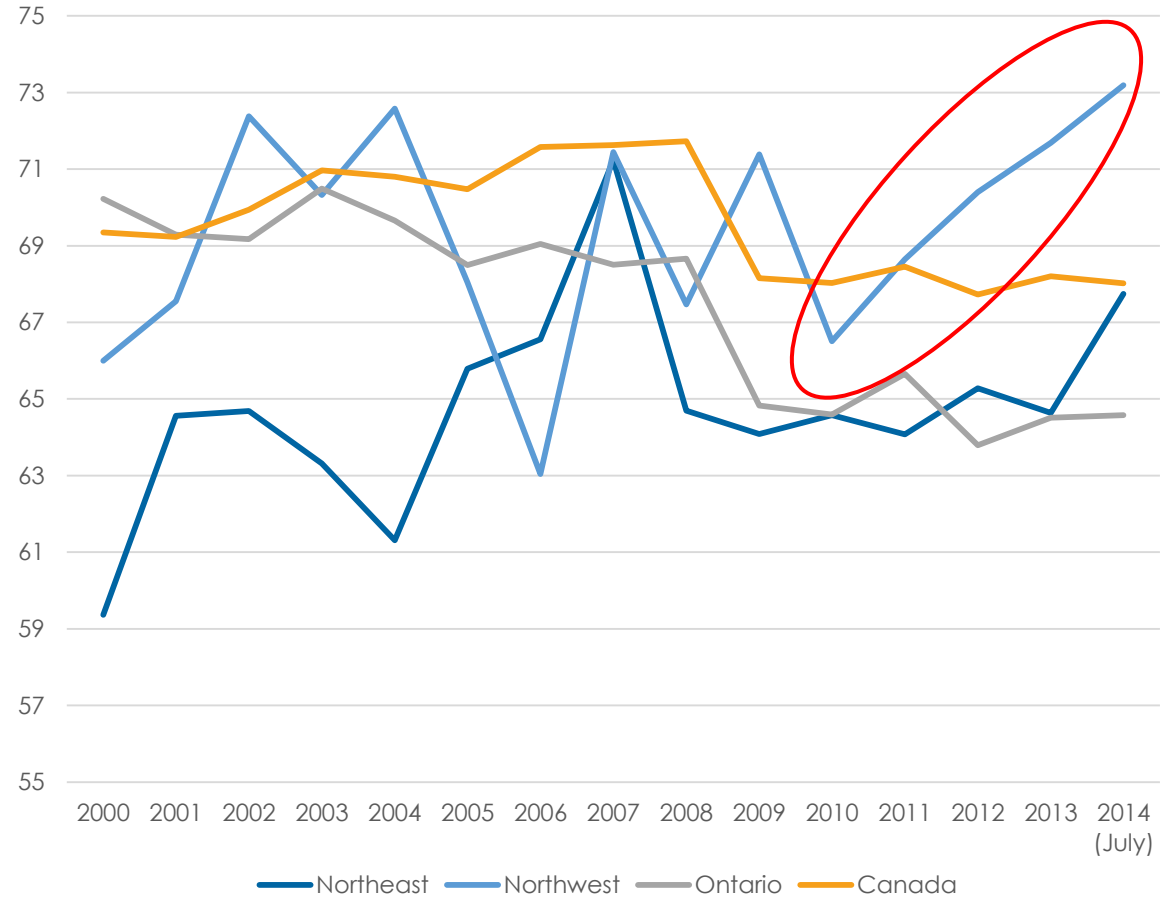


# Declining DDR, A Bright Spot - Youth Employment Rate

## Youth Employment Rate (15 to 19 years)



## Youth Employment Rate (20 to 24 years)



# Coming Soon

- **Basic Income** – series of papers on delivering a basic income in Northern Ontario, conference presentations already available online [www.northernpolicy.ca](http://www.northernpolicy.ca)
- **Northern Projections** – labour SUPPLY and education projections for all 11 northern districts
- **Education Options** – our people need it: college, university and on the job
- **Economic Regions** – Kenora is NOT Thunder Bay, and the north is not the FAR north
- **Growth Plan(s)**– are we on the same page, is it the right one?
- **Immigration** – we are the future of the people trapped in the GTA

Get Inspired. Get Involved  
Stay informed. Join the Conversation.



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Northern Policy  
Institute



Monthly e-newsletter

[www.northernpolicy.ca](http://www.northernpolicy.ca)

Thank you. Merci. Miigwetch.

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