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Measuring Northern Growth

Kirkland & District Community Development Corporation

26 October 2016, Kirkland Lake

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 & air quality,
- investments in R&D & conservation

Indigenous

- inclusion
- collaboration,
- shared decision making
- local control

Infrastructure

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

Enhancing Data Usage

Baseline setting:

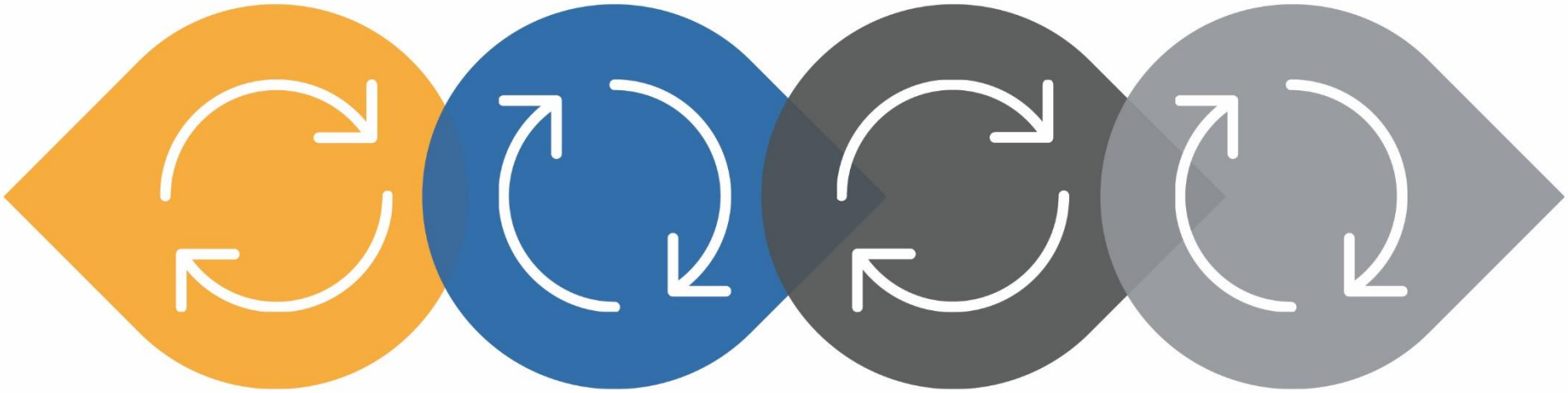
- Ontario, Northern Ontario, NE/NW, Census Districts, Communities (CSDs)

Data education:

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

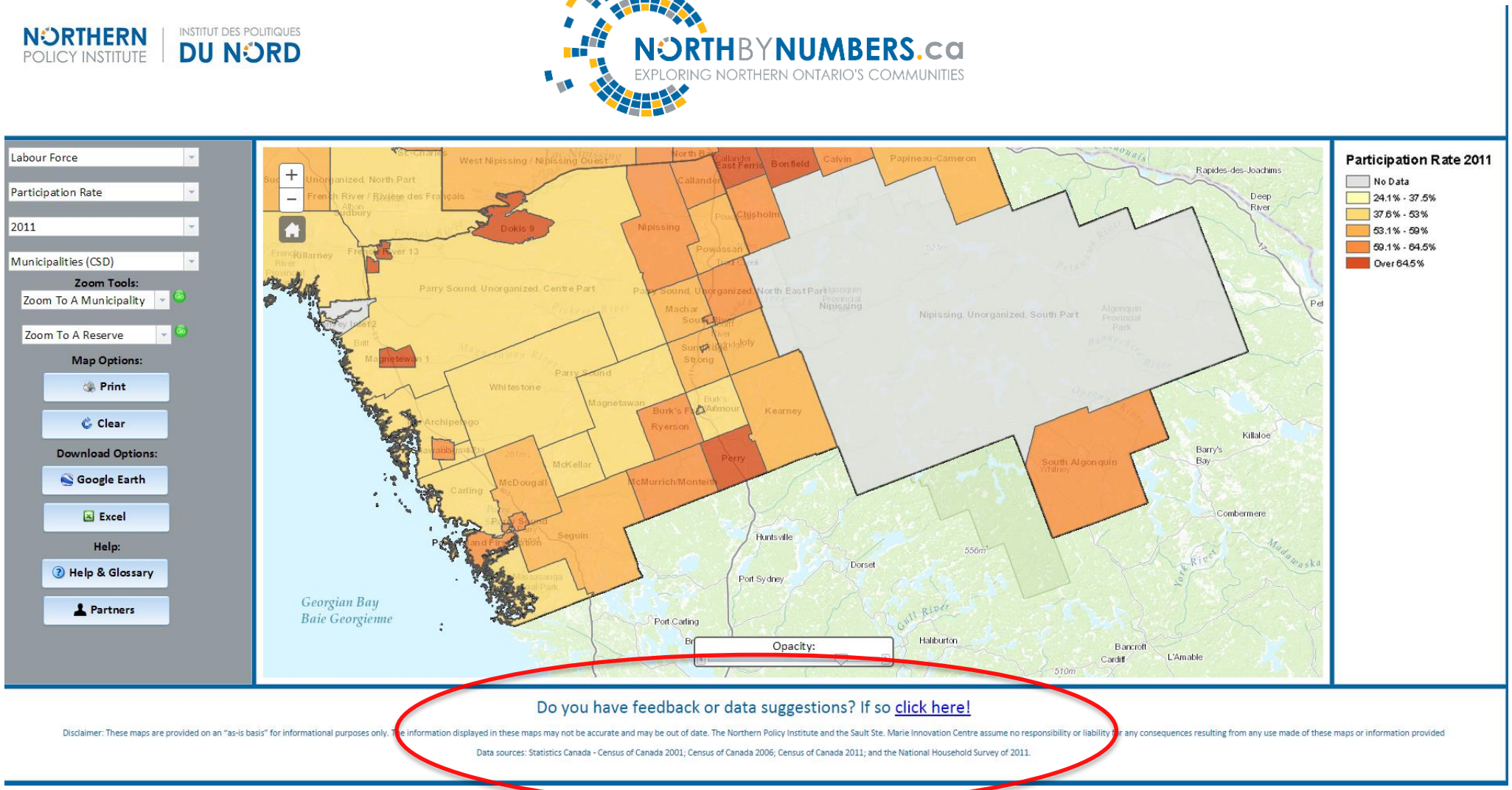
Usage Assessment - Northern Directions

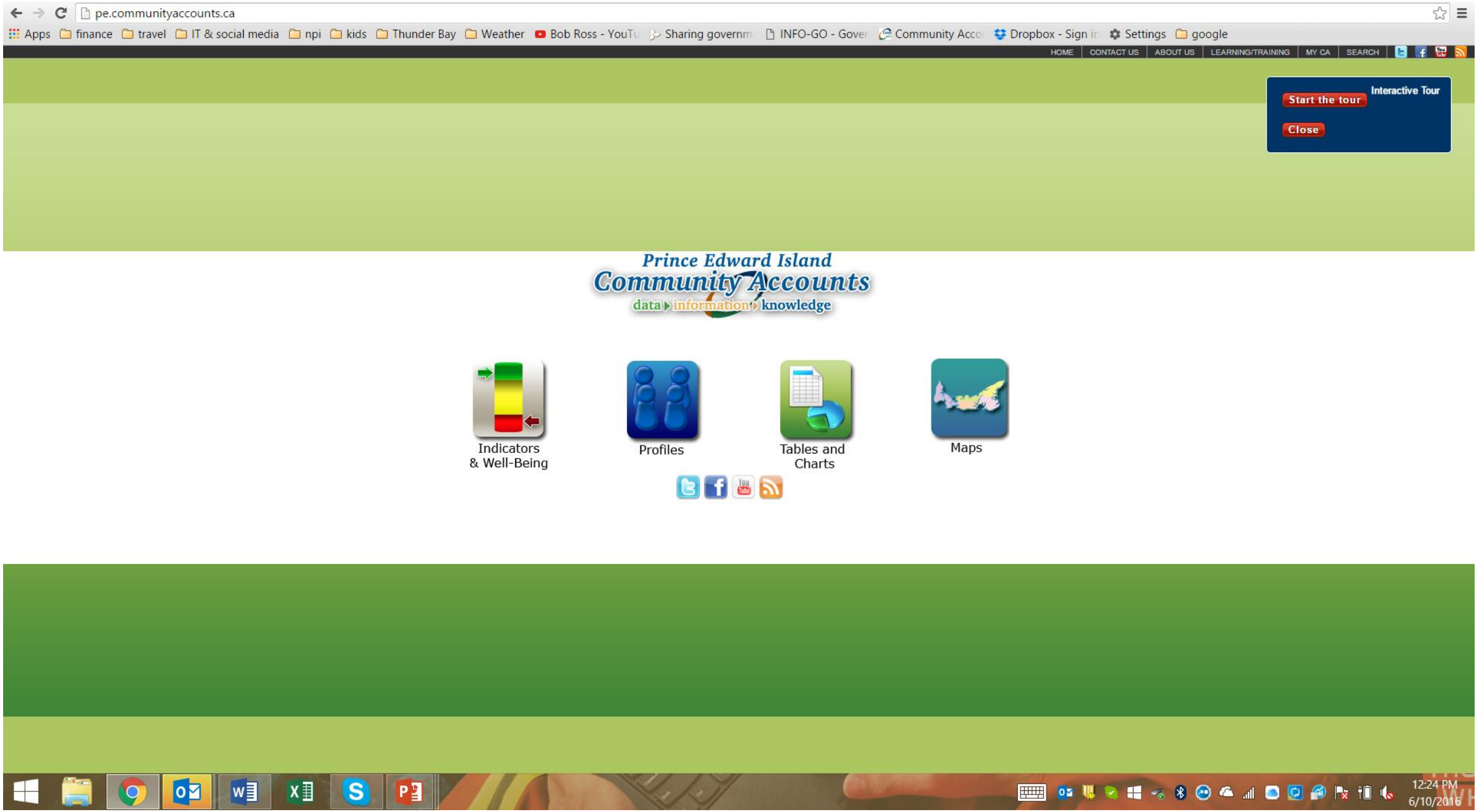
- Concordance analysis of community strategic plans
- Alignment with internal capacity
- Alignment with external realities



NORTHERN ONTARIO DATA CONSORTIUM

Any suggestions for other measures?




pe.communityaccounts.ca
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
HOME
CONTACT US
ABOUT US
LEARNING/TRAINING
MY CA
SEARCH
Interactive Tour
Start the tour
Close
Prince Edward Island
Community Accounts
data information knowledge
Indicators & Well-Being
Profiles
Tables and Charts
Maps
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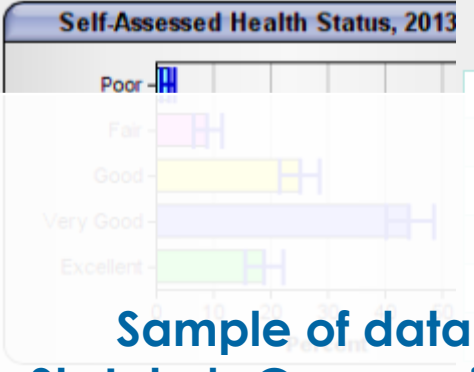
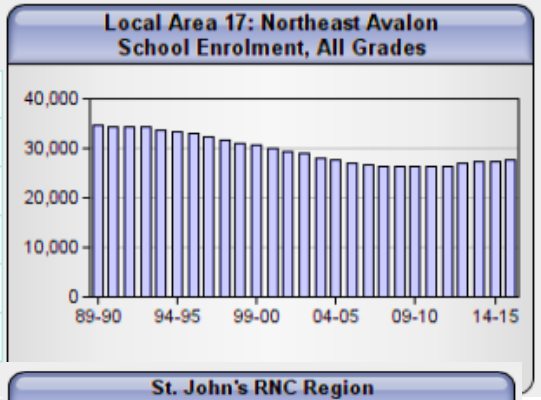
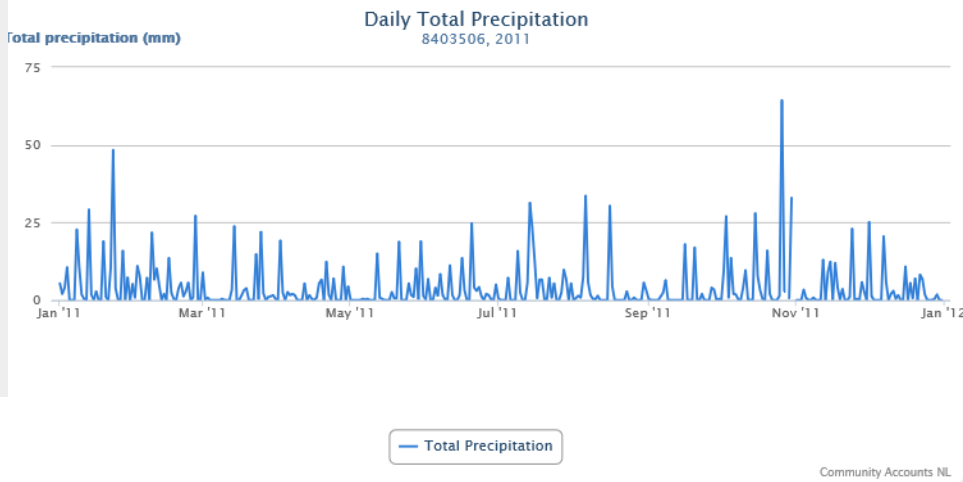
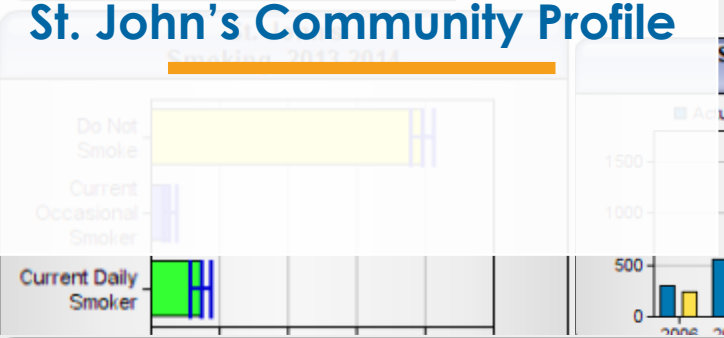
Sample of data from St. John's Community Profile

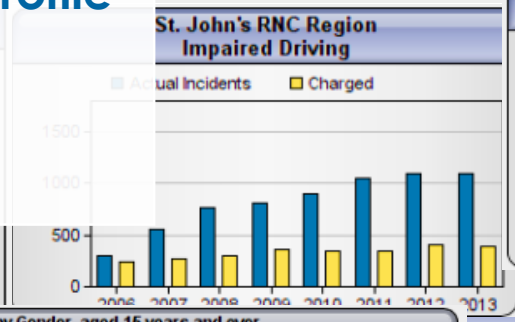


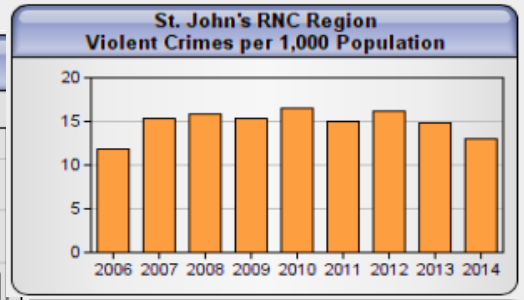
School Year	1989-1990	2015-2016
Total Students	34,671	27,533
Primary	10,337	8,912
Elementary	7,923	6,275
Junior High	8,070	6,000
	7,902	6,346

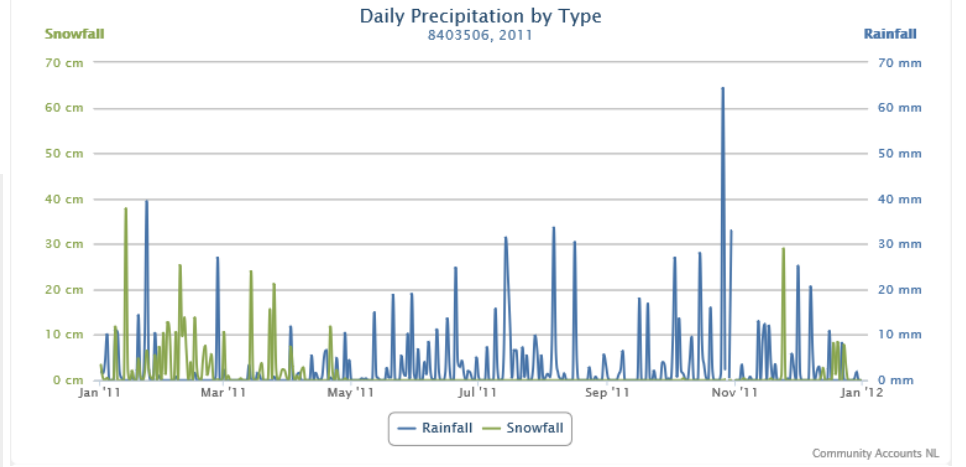


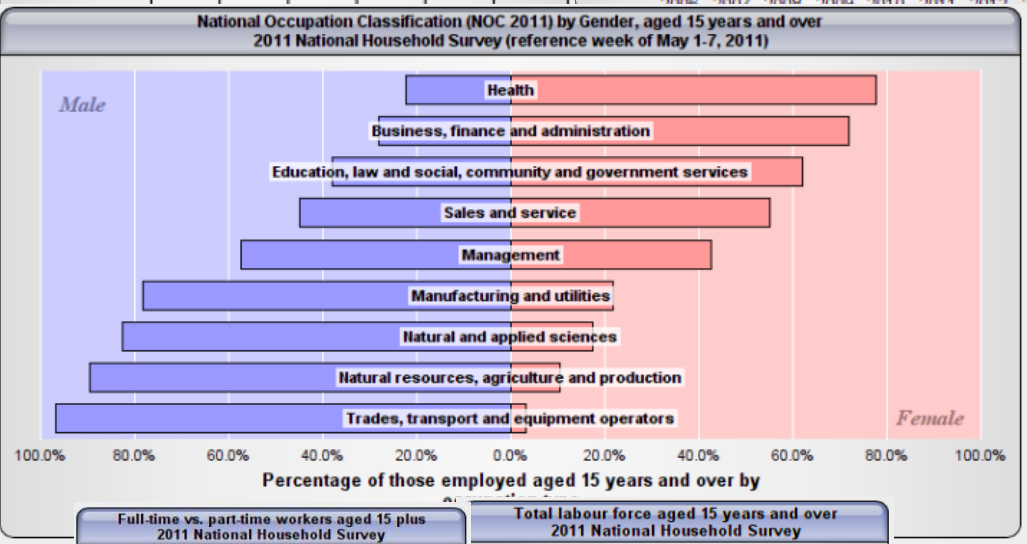


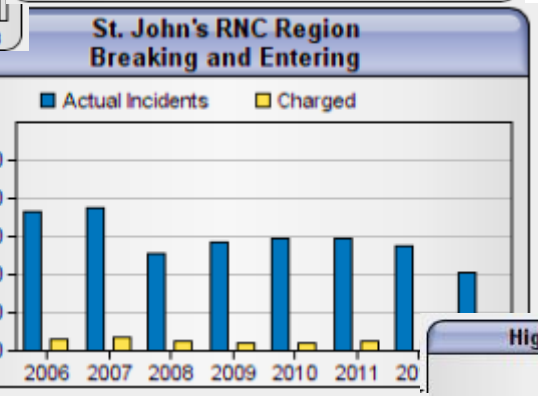


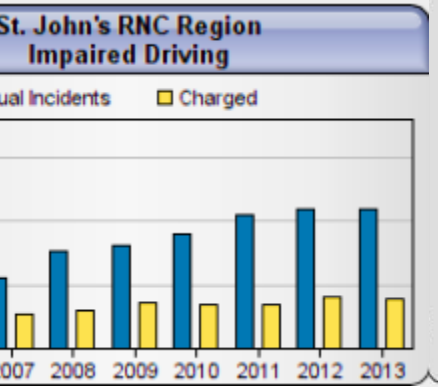


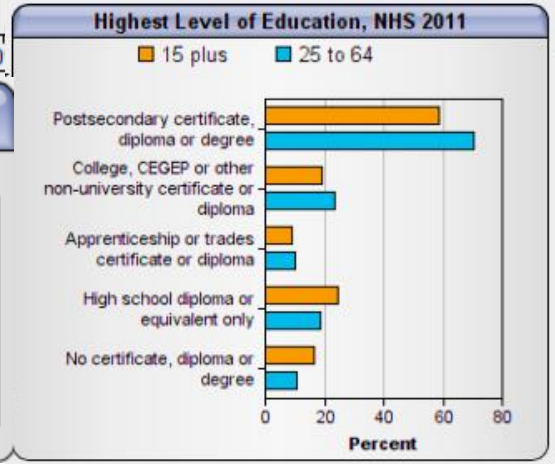


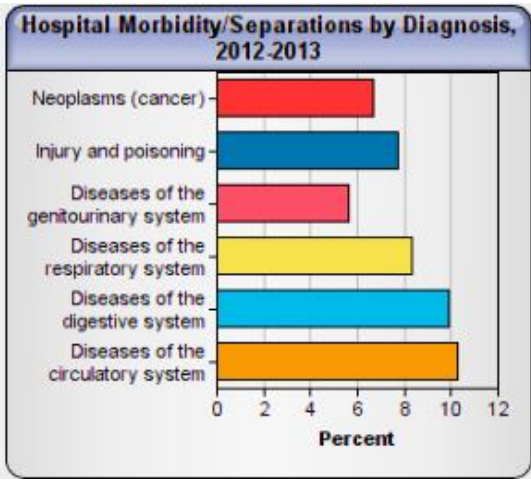


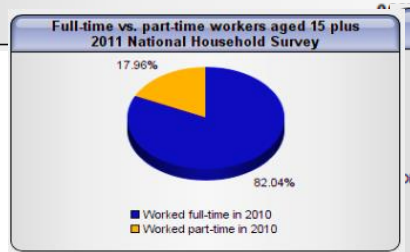


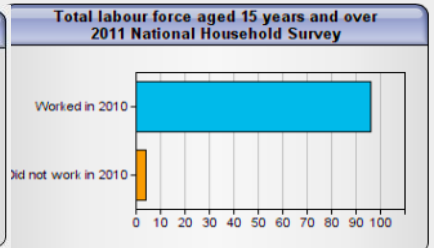




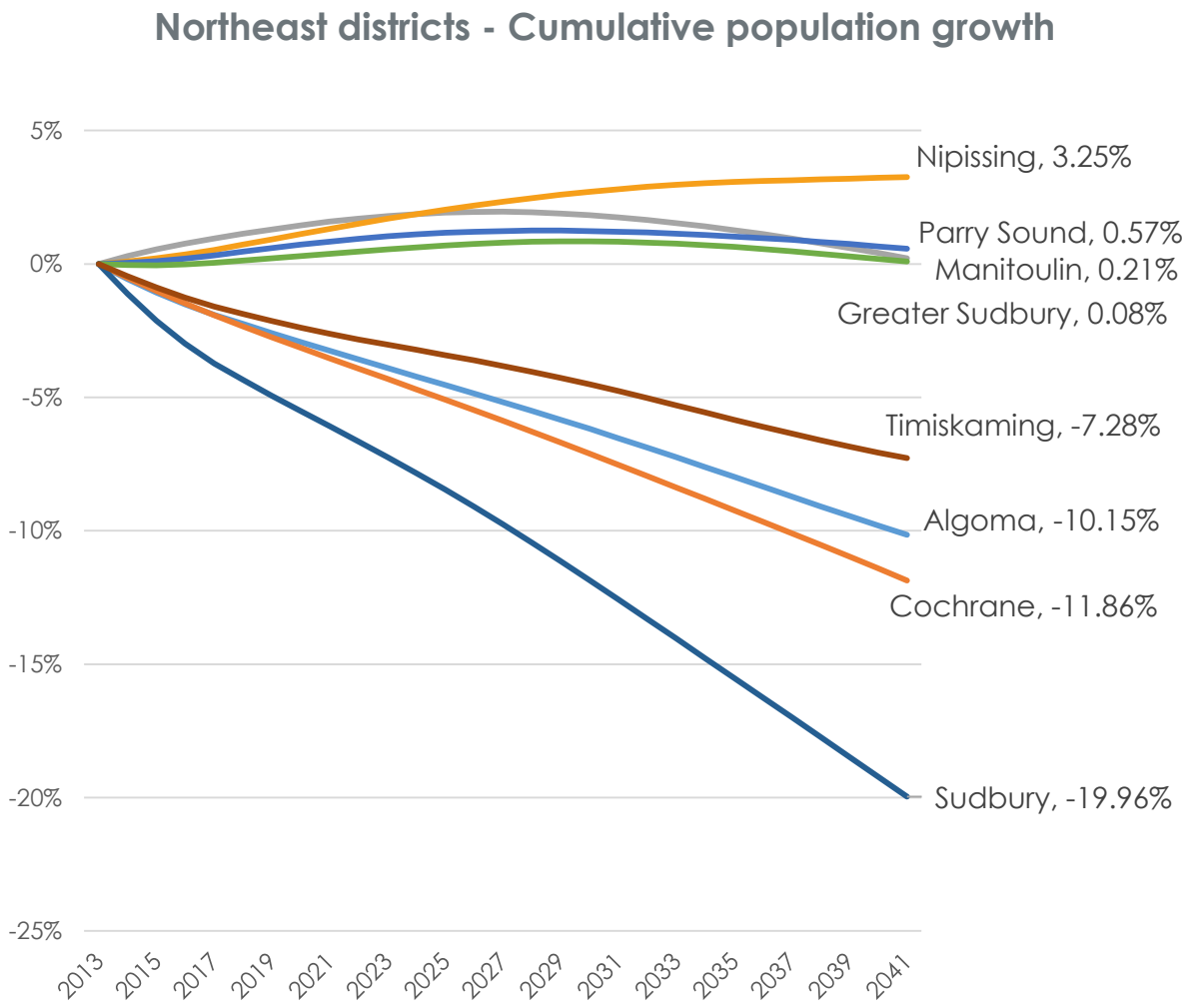


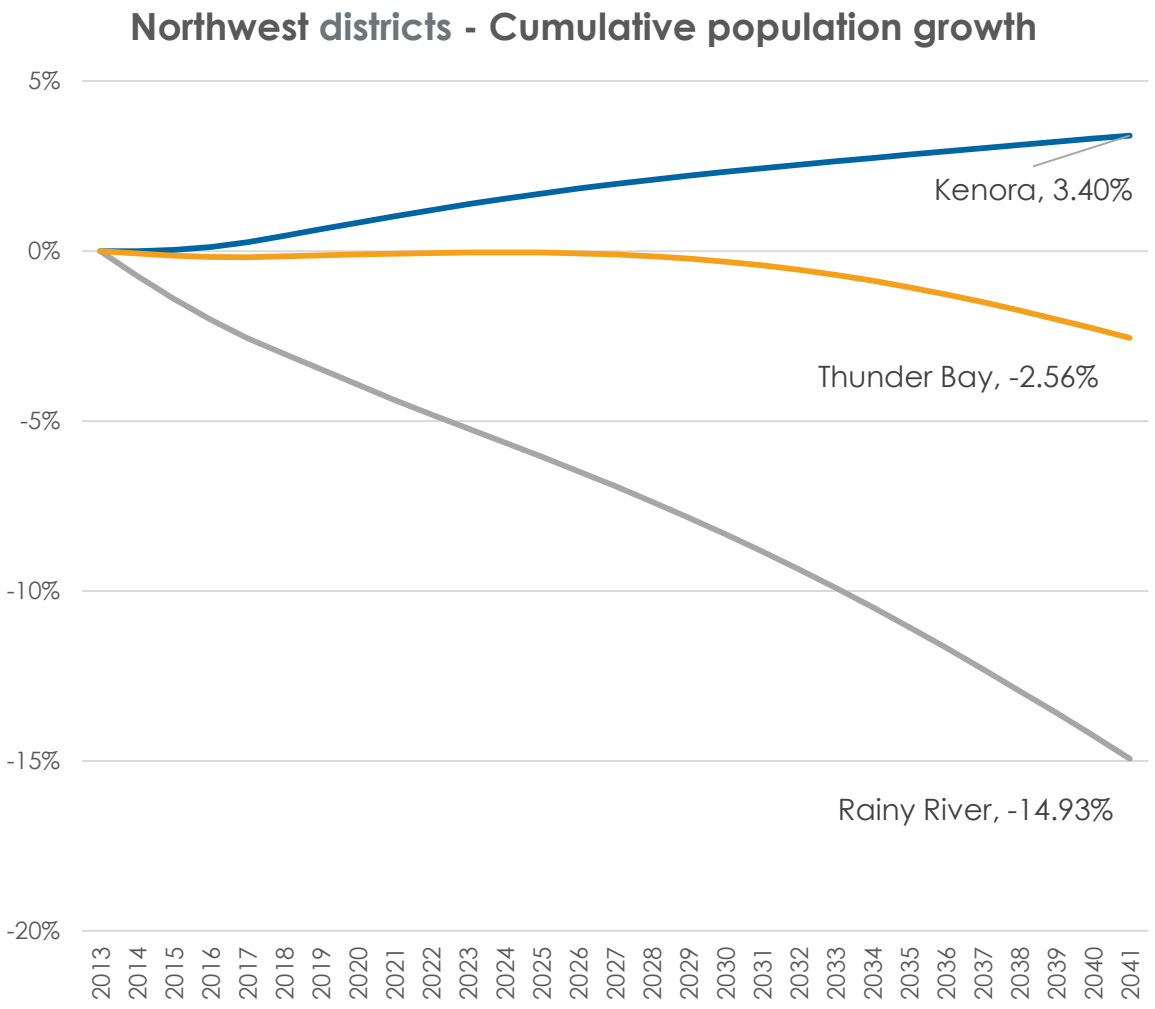






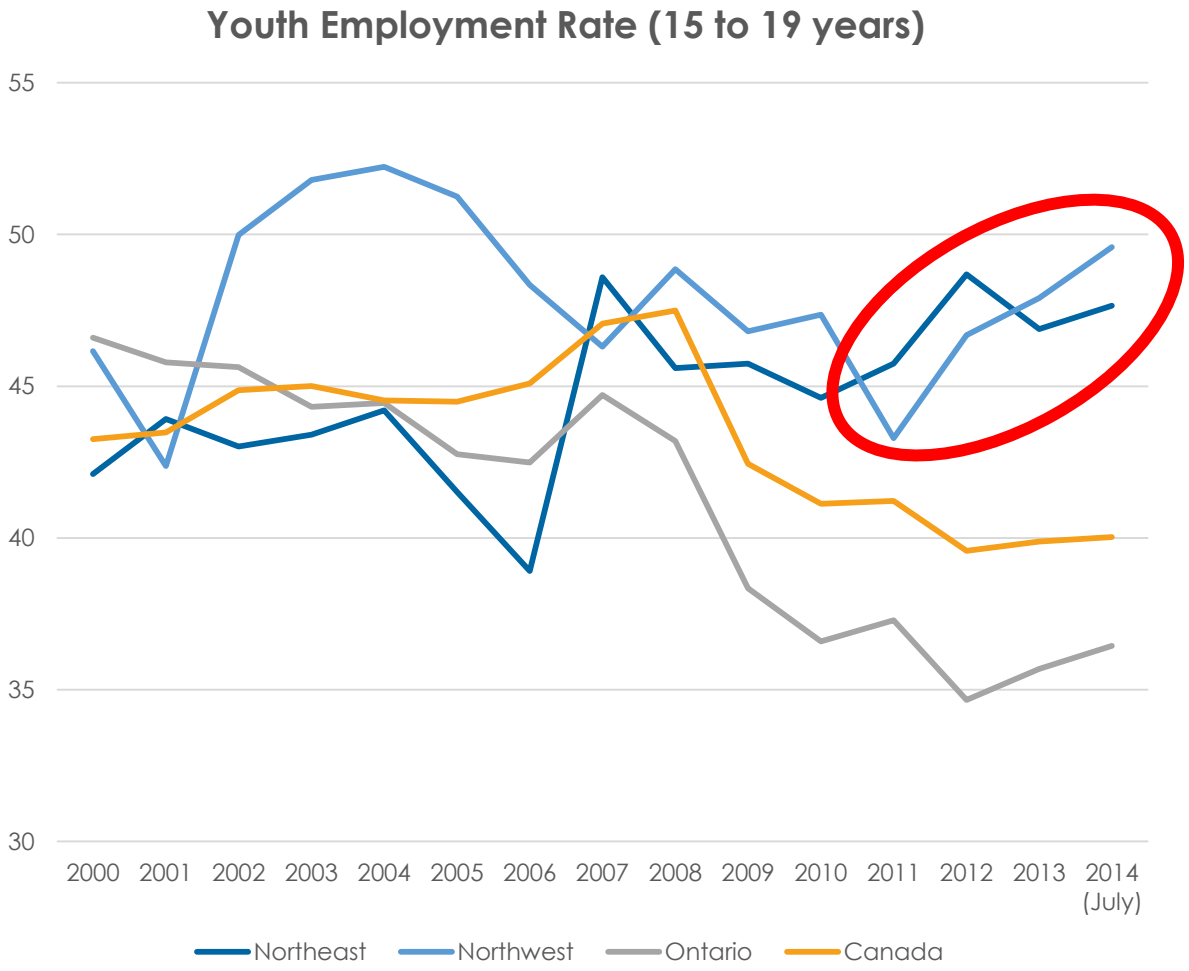
Population Projections

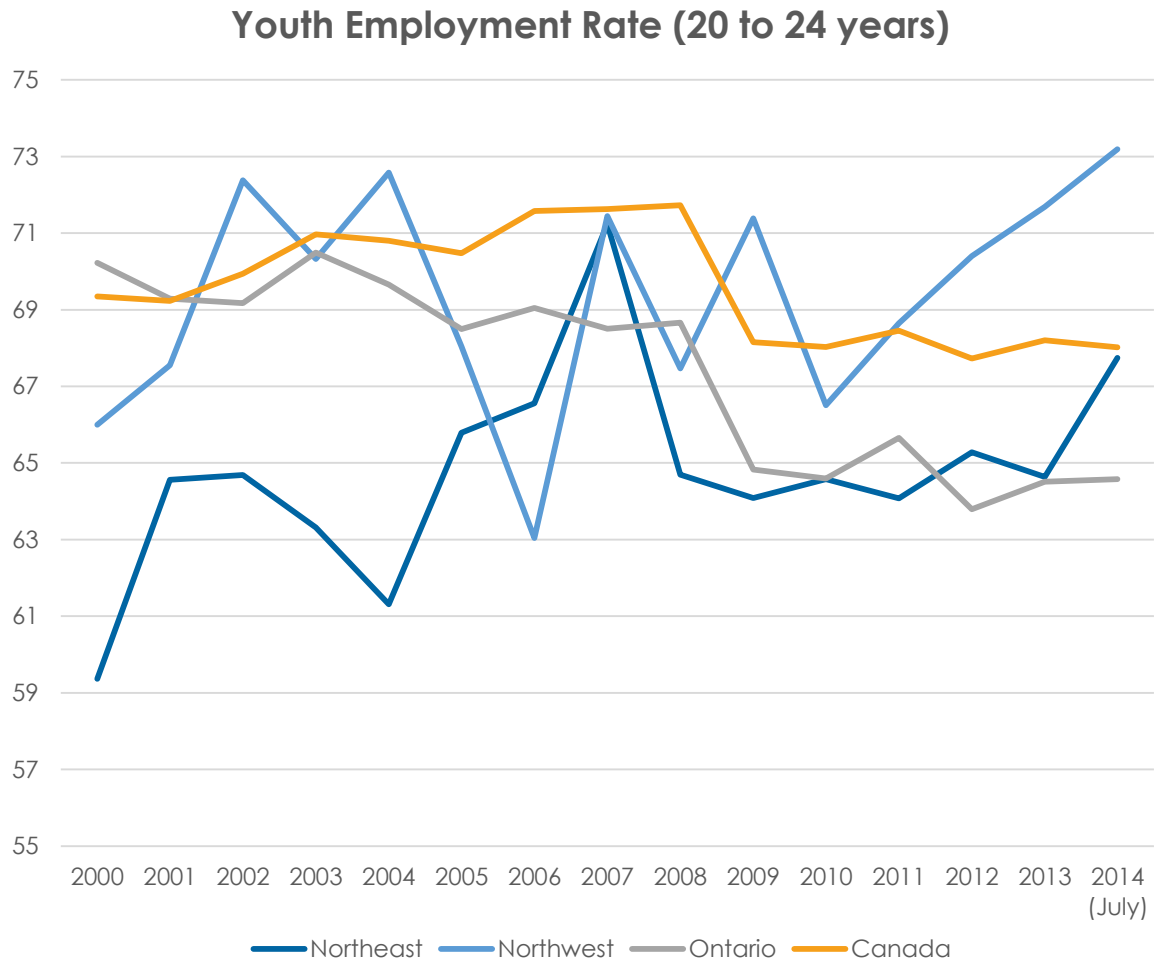




Source: Author's calculations based on Ontario, Ministry of Finance, "Ontario Population Projections, 2013-2041" (Toronto, 2014).

Youth Employment Rate



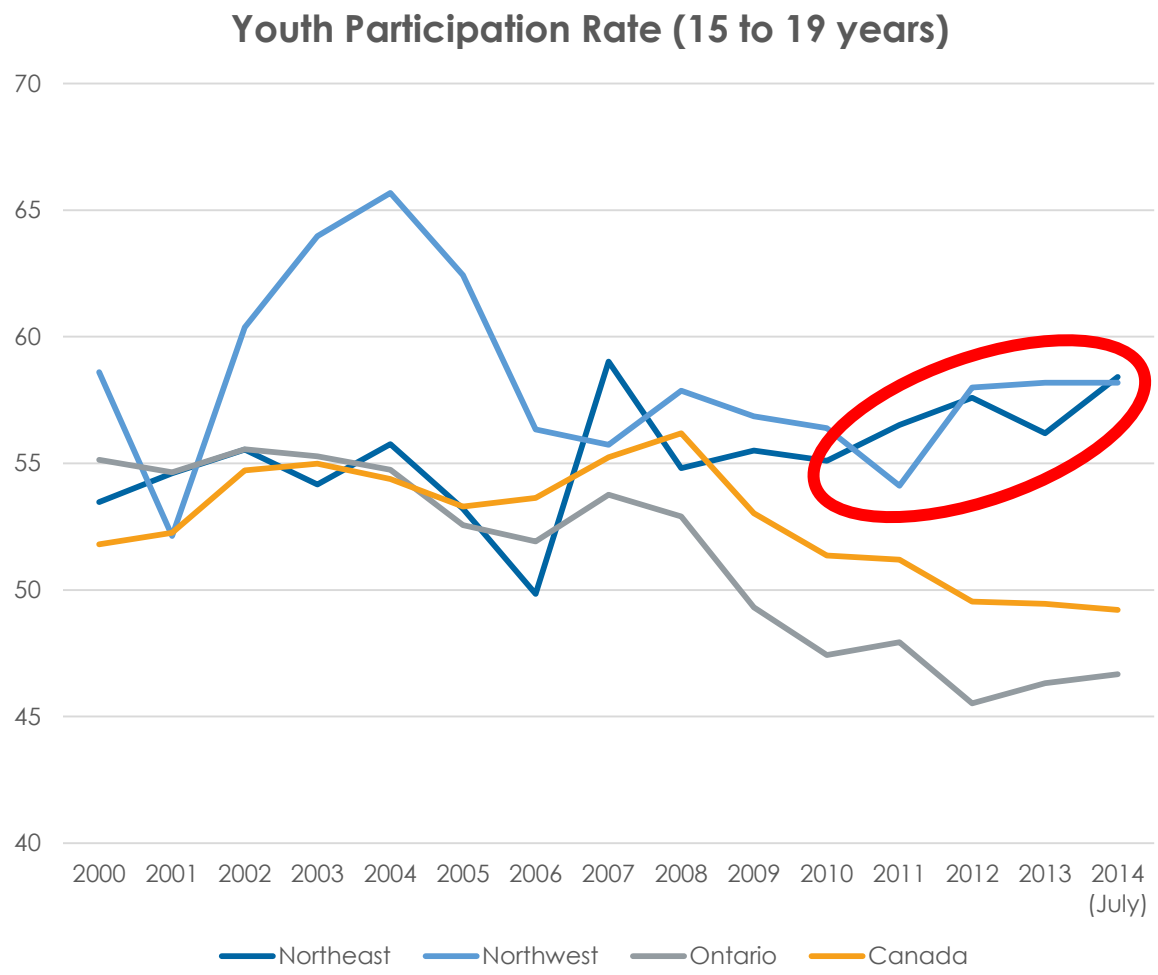


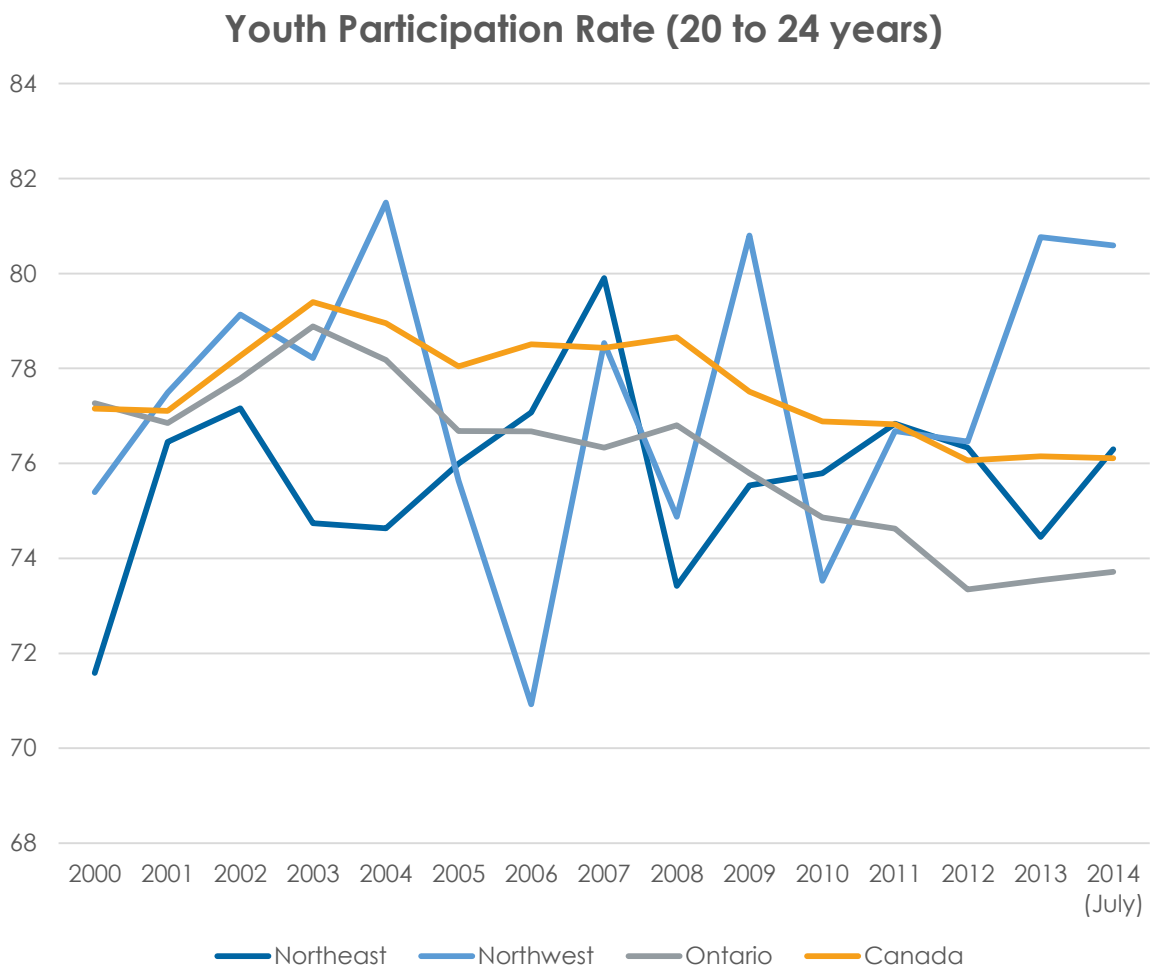
Source: Author's calculations based on Statistics Canada, custom tabulation.

Youth Unemployment Rate

Source: Author's calculations based on Statistics Canada, custom tabulation.

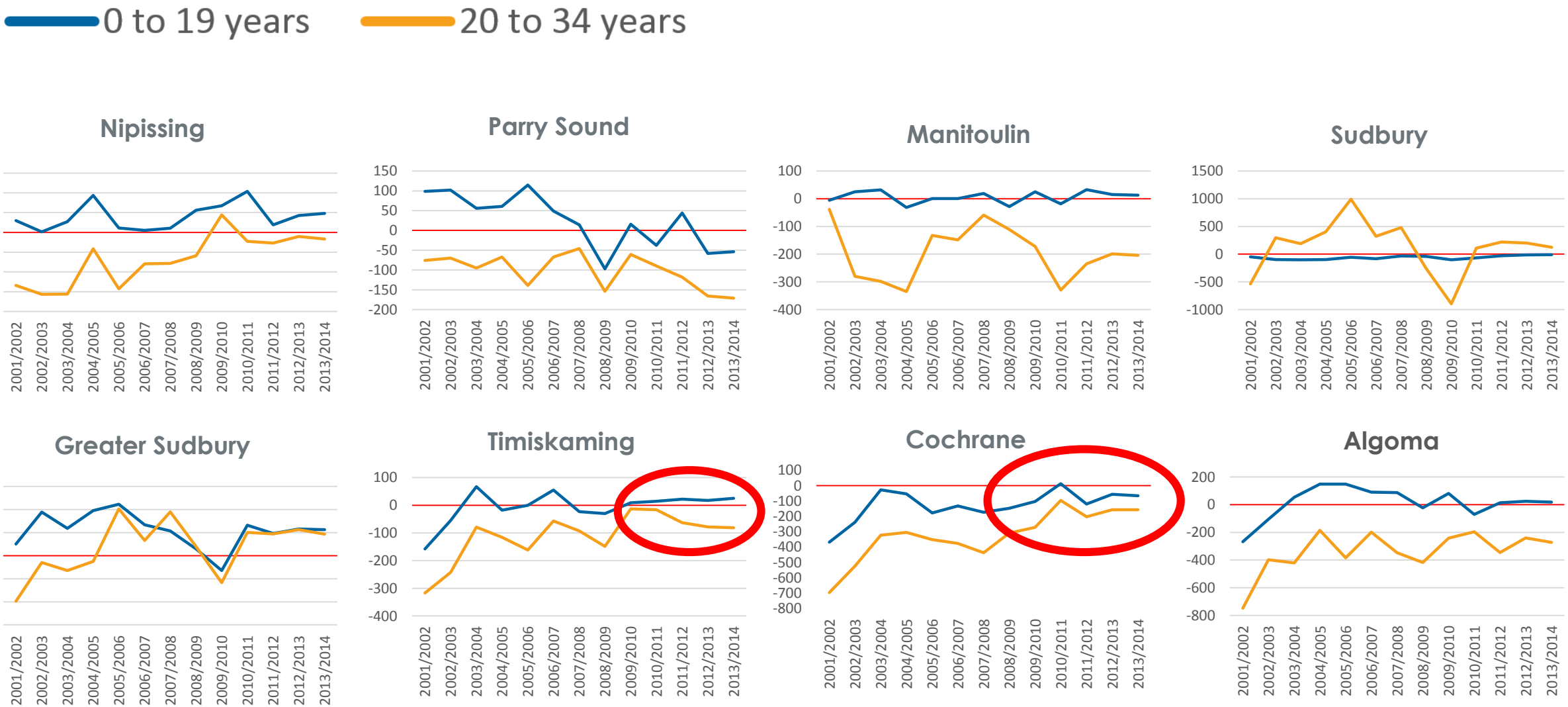
Youth Participation Rate





Source: Author's calculations based on Statistics Canada, custom tabulation.

Youth net migration, by district (Northeast)



Source: Author's calculations based on Statistics Canada, CANSIM database, table 051-0053.

Do we have enough working age people?

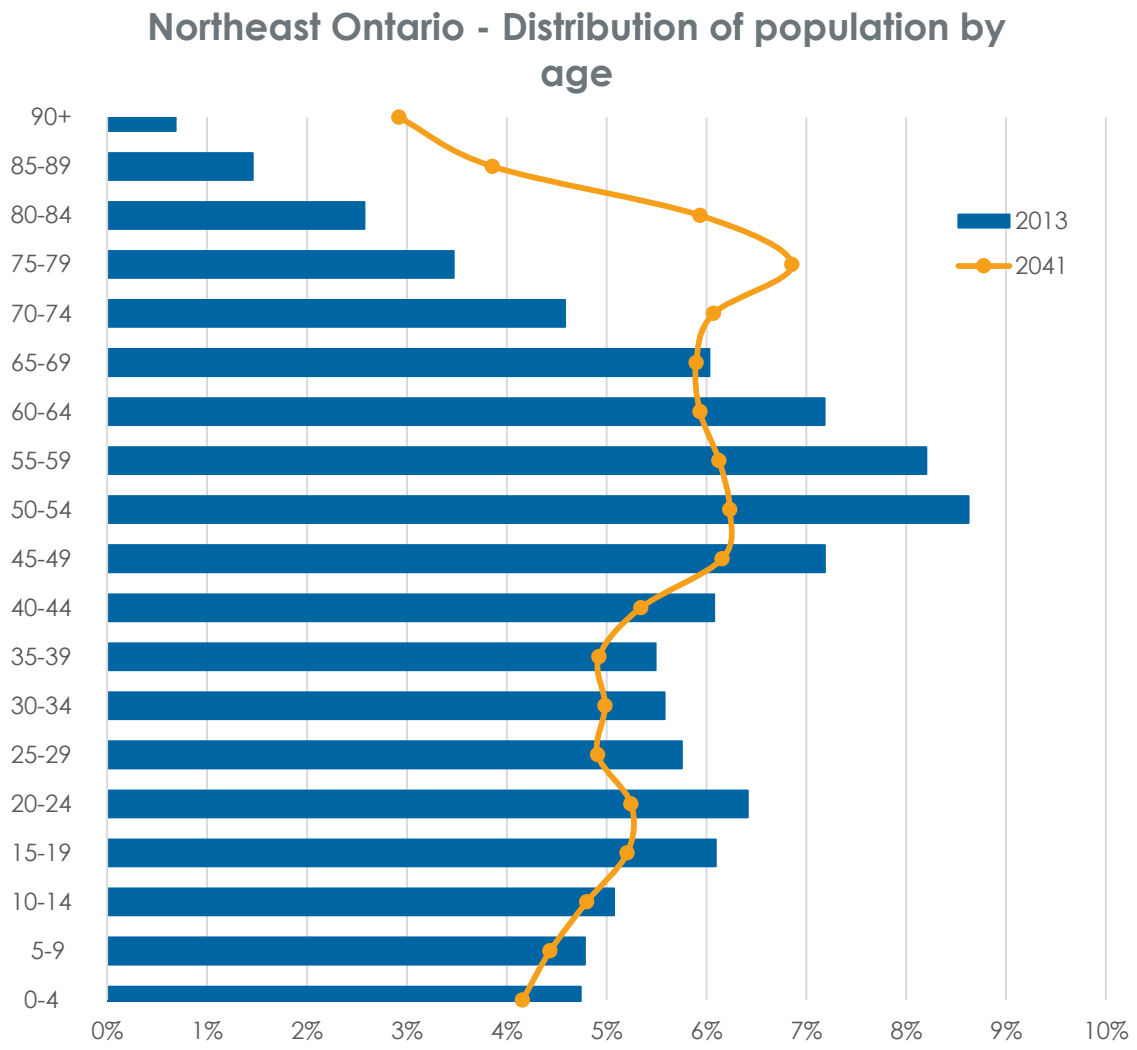
To answer this question we need to consider the Demographic Dependency Ratio or DDR:

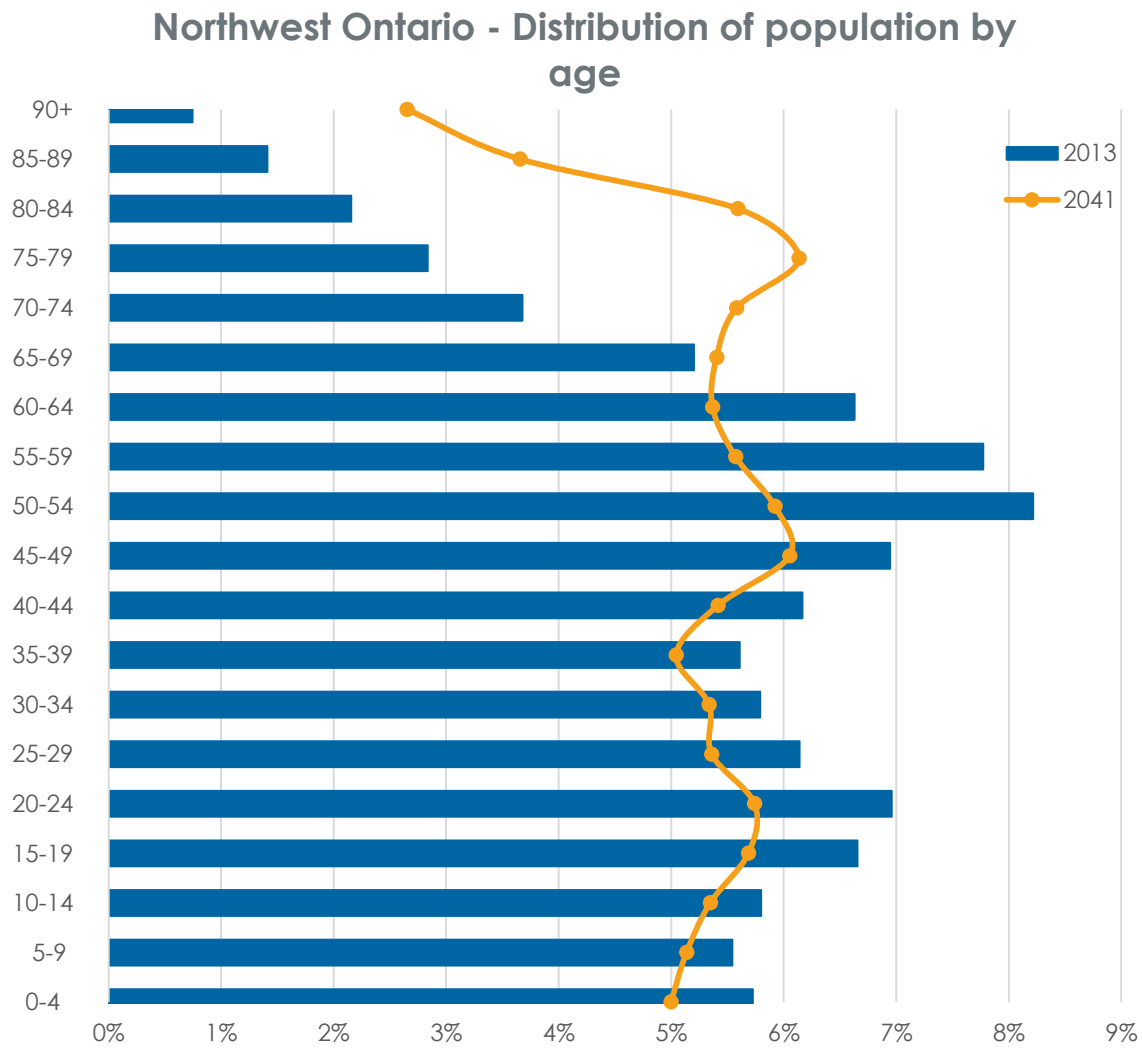
$$DDR = \frac{(Persons\ aged\ 14\ years\ or\ under) + (Persons\ aged\ 65\ or\ older)}{Persons\ aged\ between\ 15\ and\ 64\ years}$$

This ratio impacts EVERYTHING in our society:

- Production
- Consumption
- Savings rates
- Investment
- Even TAX BASE (without which we cannot deliver necessary services like health, education, transportation)

Age Cohorts – Making our DDR worse





Source: Author's calculations based on Ontario, Ministry of Finance, "Ontario Population Projections, 2013-2041" (Toronto, 2014).

To address our declining DDR we need people

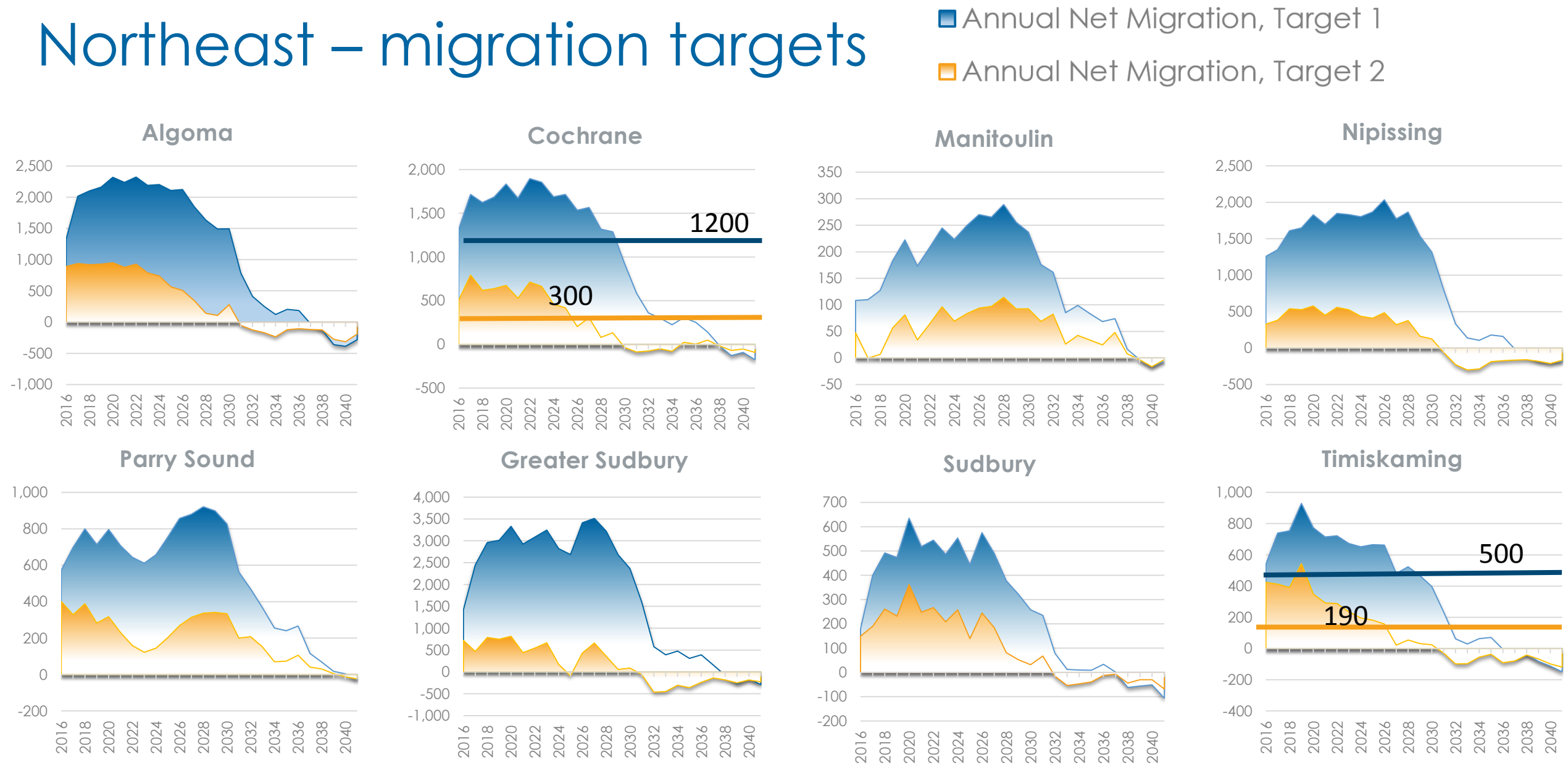
Two potential ways to target a desired level of net **migration**

1. Hold the Demographic Dependency Ratio (DDR) steady at today's level

2. Tie regional DDR to projected provincial DDR growth rate (using 2015 as reference year)

Regardless of which target we choose, we need to increase our annual net migration to meet it.

Northeast – migration targets



Source: Author's calculations based on Ontario, Ministry of Finance, "Ontario Population Projections, 2013-2041" (Toronto, 2014).

Thank you. Merci. Miigwetch.

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