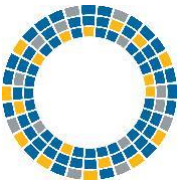


Measuring Northern Growth

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:

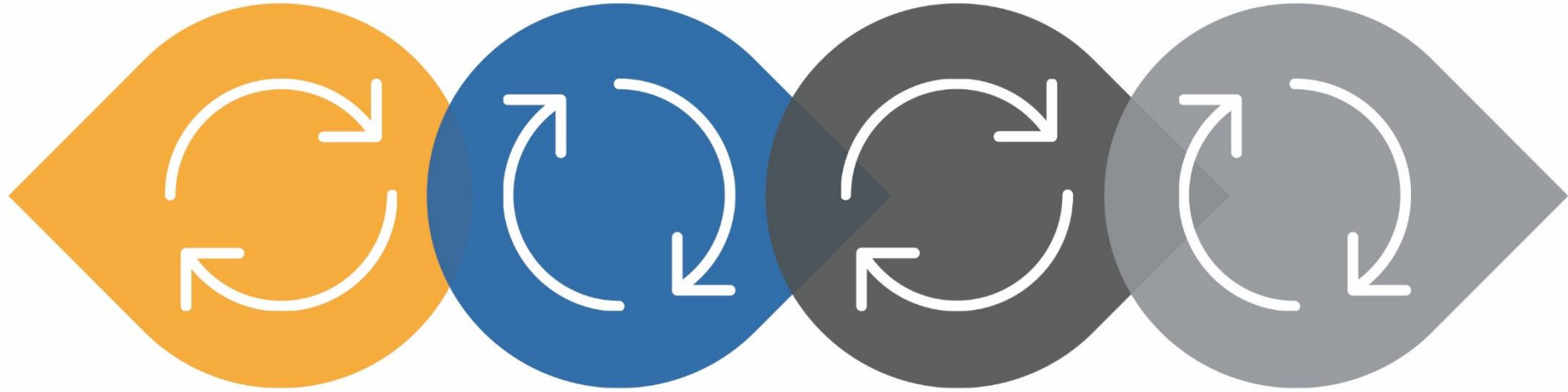
- Ontario, Northern Ontario, NE/NW, Census Districts, Communities (CSDs)

Data education:

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

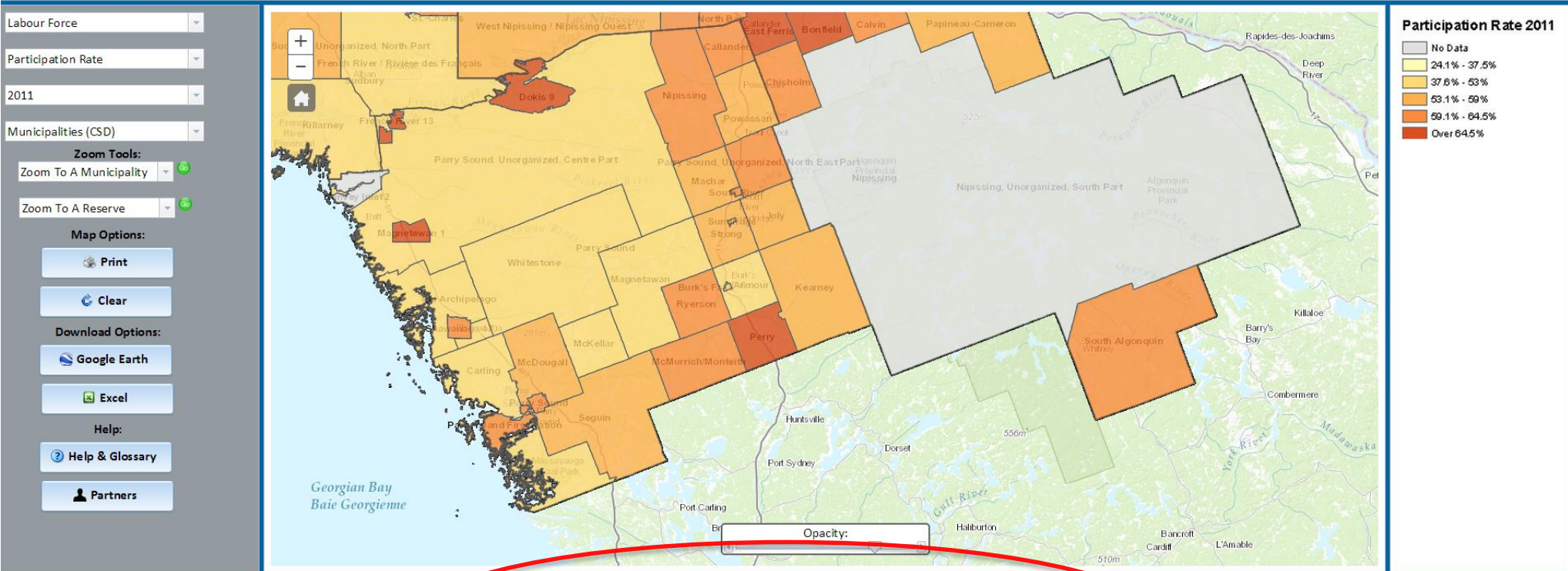
Usage Assessment - Northern Directions

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



NORTHERN ONTARIO DATA CONSORTIUM

Any suggestions for other measures?



Do you have feedback or data suggestions? If so [click here!](#)

Disclaimer: These maps are provided on an "as-is basis" for informational purposes only. The information displayed in these maps may not be accurate and may be out of date. The Northern Policy Institute and the Sault Ste. Marie Innovation Centre assume no responsibility or liability for any consequences resulting from any use made of these maps or information provided.

Data sources: Statistics Canada - Census of Canada 2001; Census of Canada 2006; Census of Canada 2011; and the National Household Survey of 2011.

[Start the tour](#) Interactive Tour

[Close](#)

Prince Edward Island Community Accounts

data | information | knowledge



Indicators
& Well-Being



Profiles



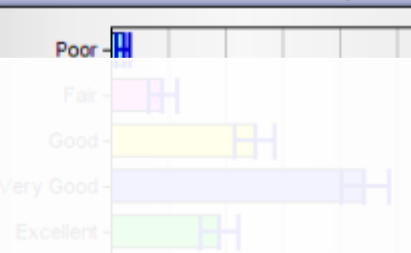
Tables and
Charts



Maps

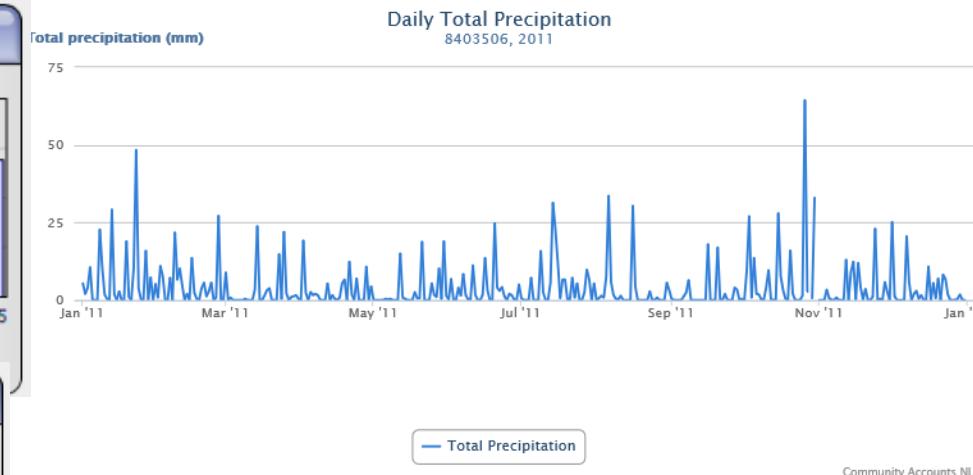
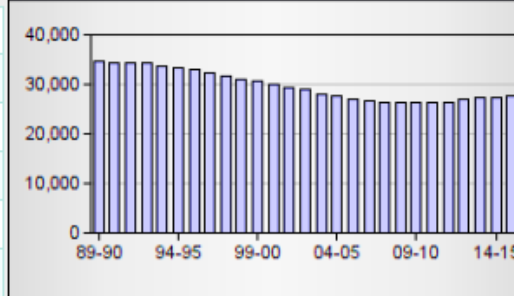


Self-Assessed Health Status, 2013

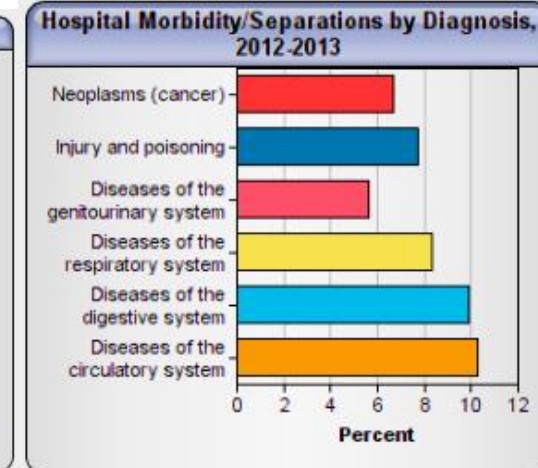
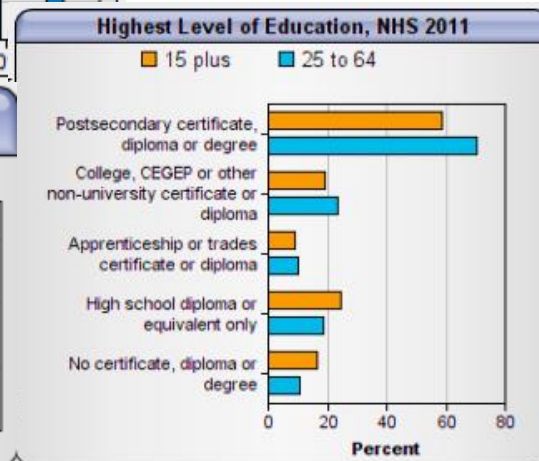
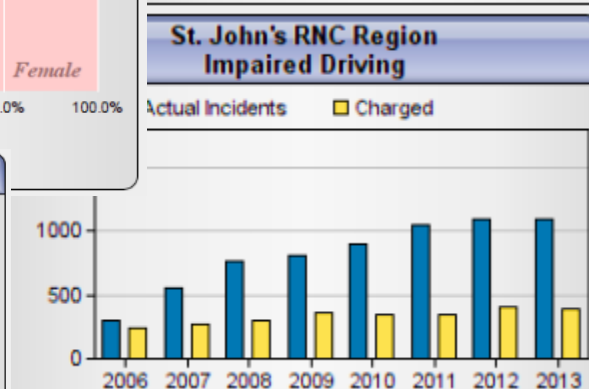
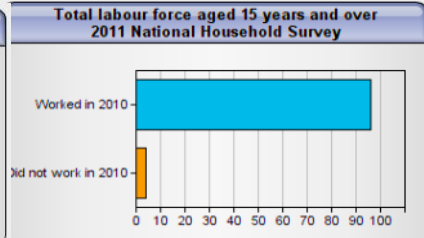
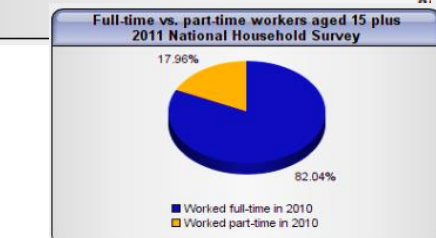
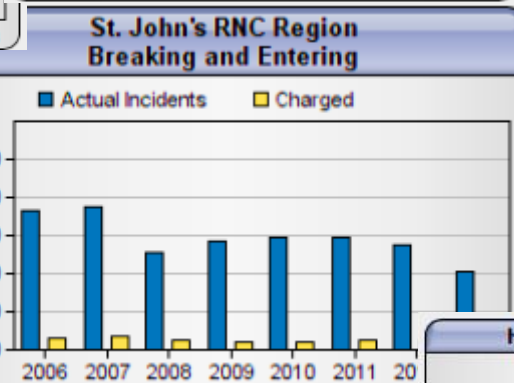
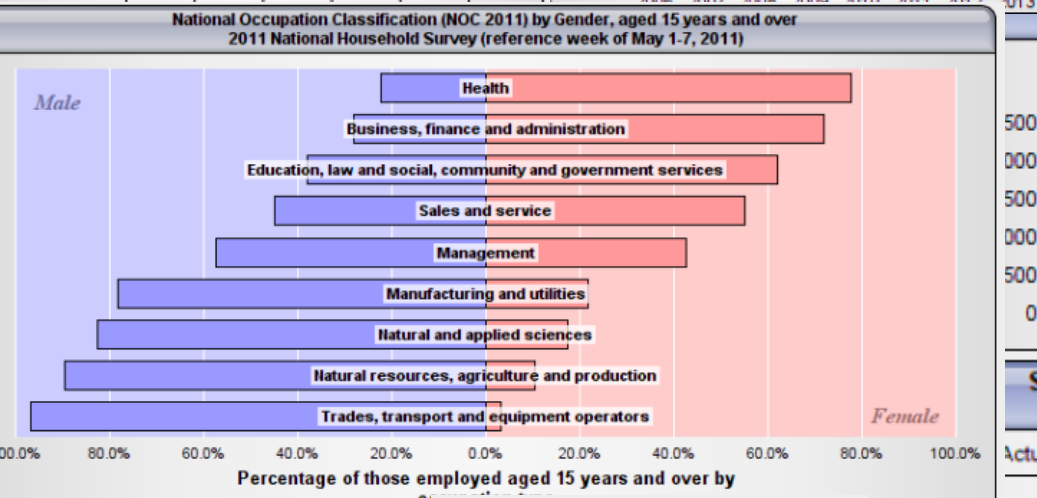
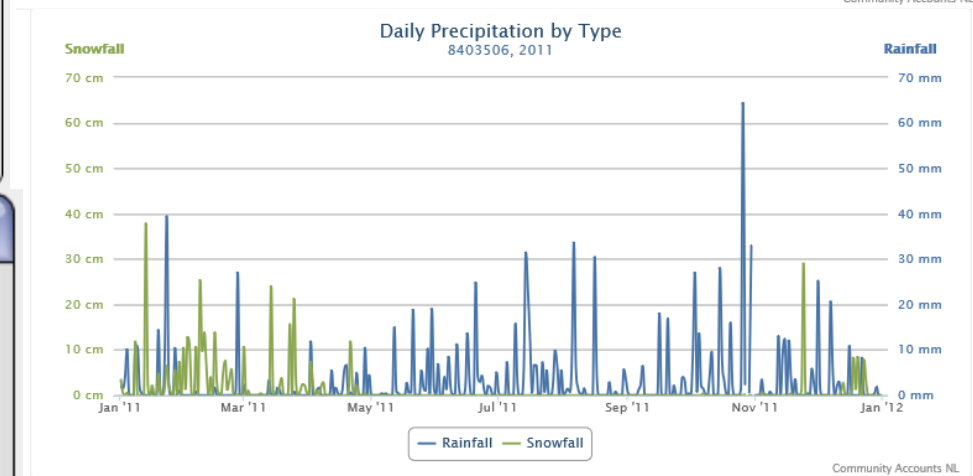
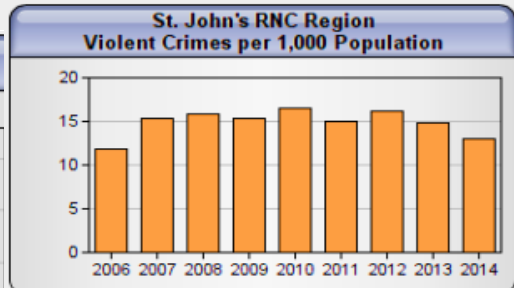
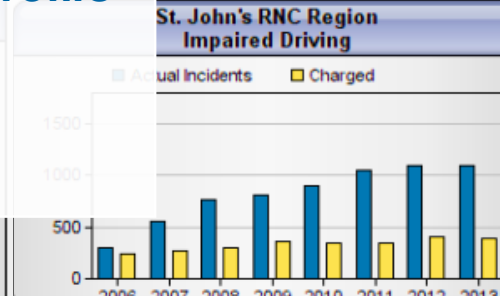
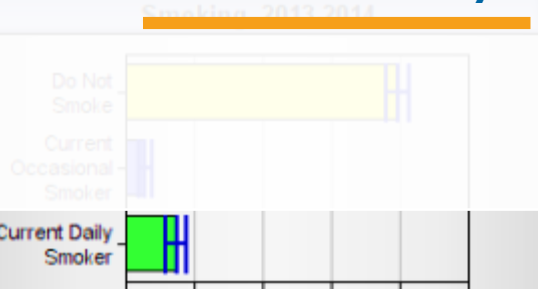


School Year	1989-1990	2015-2016
Total Students	34,671	27,533
Primary	10,337	8,912
Elementary	7,923	6,275
Junior High	8,070	6,000
	7,902	6,346

Local Area 17: Northeast Avalon School Enrolment, All Grades

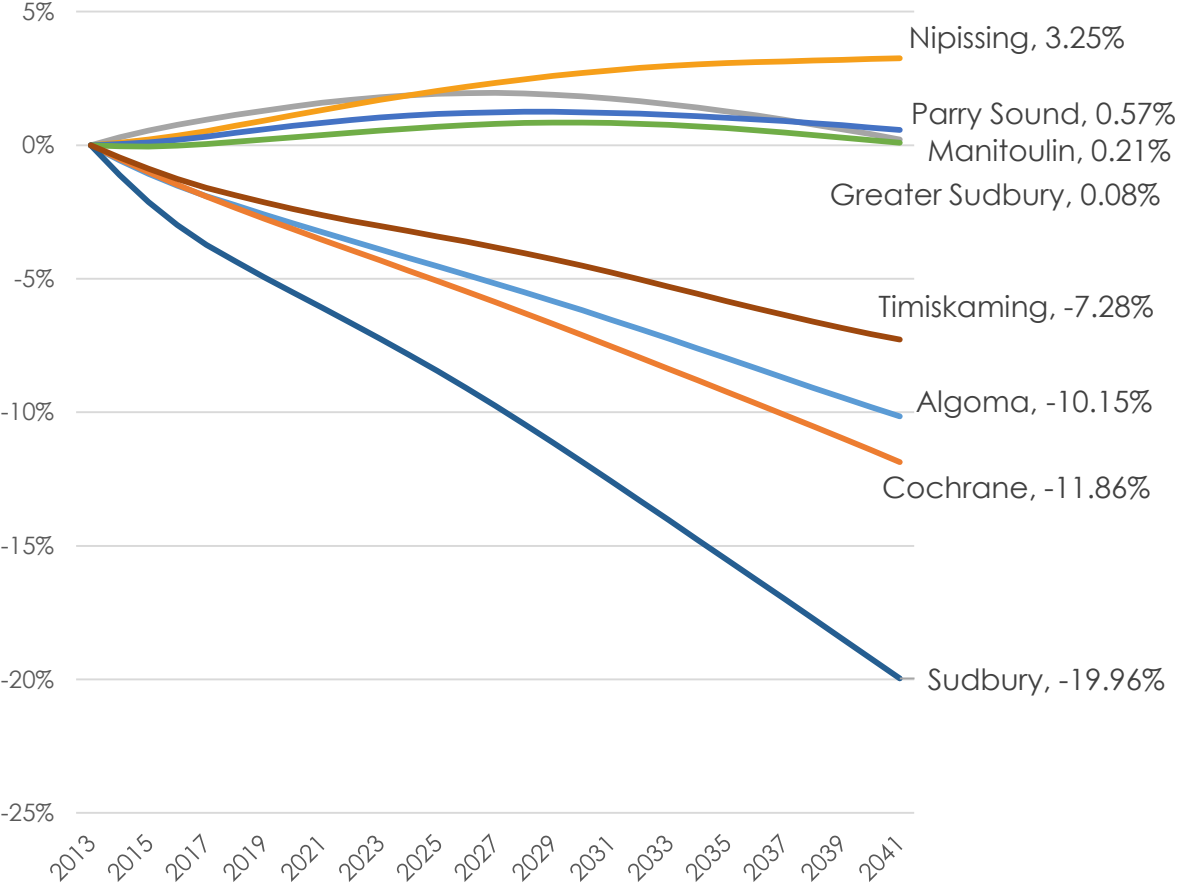


Sample of data from St. John's Community Profile

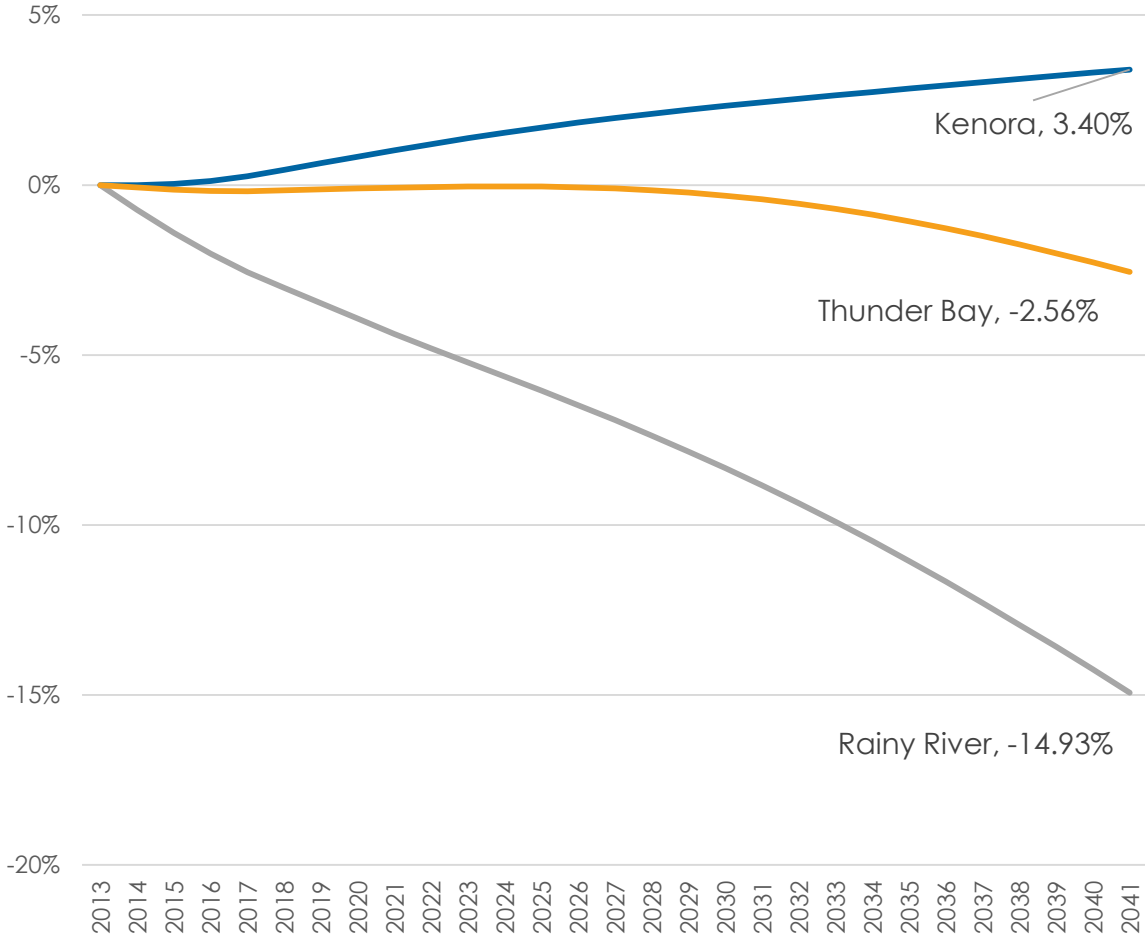


Population Projections

Northeast districts - Cumulative population growth



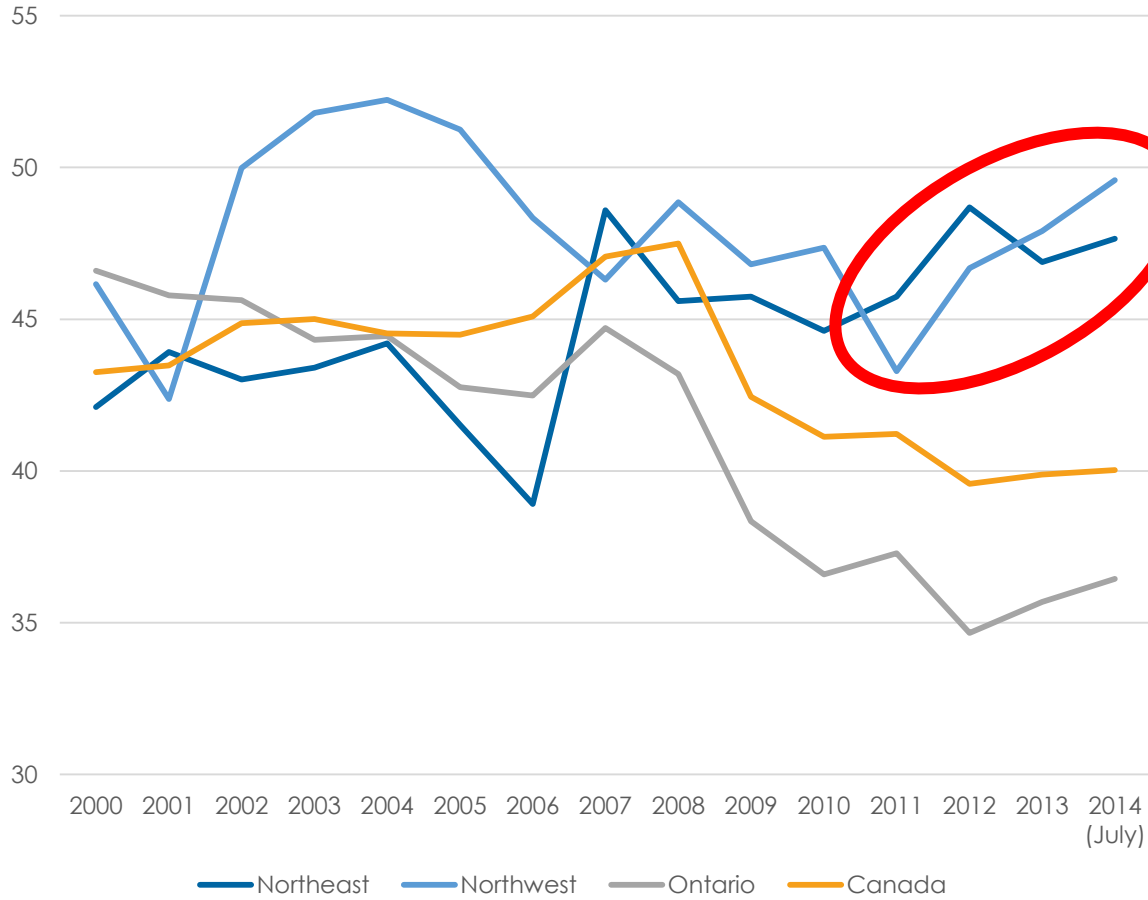
Northwest districts - Cumulative population growth



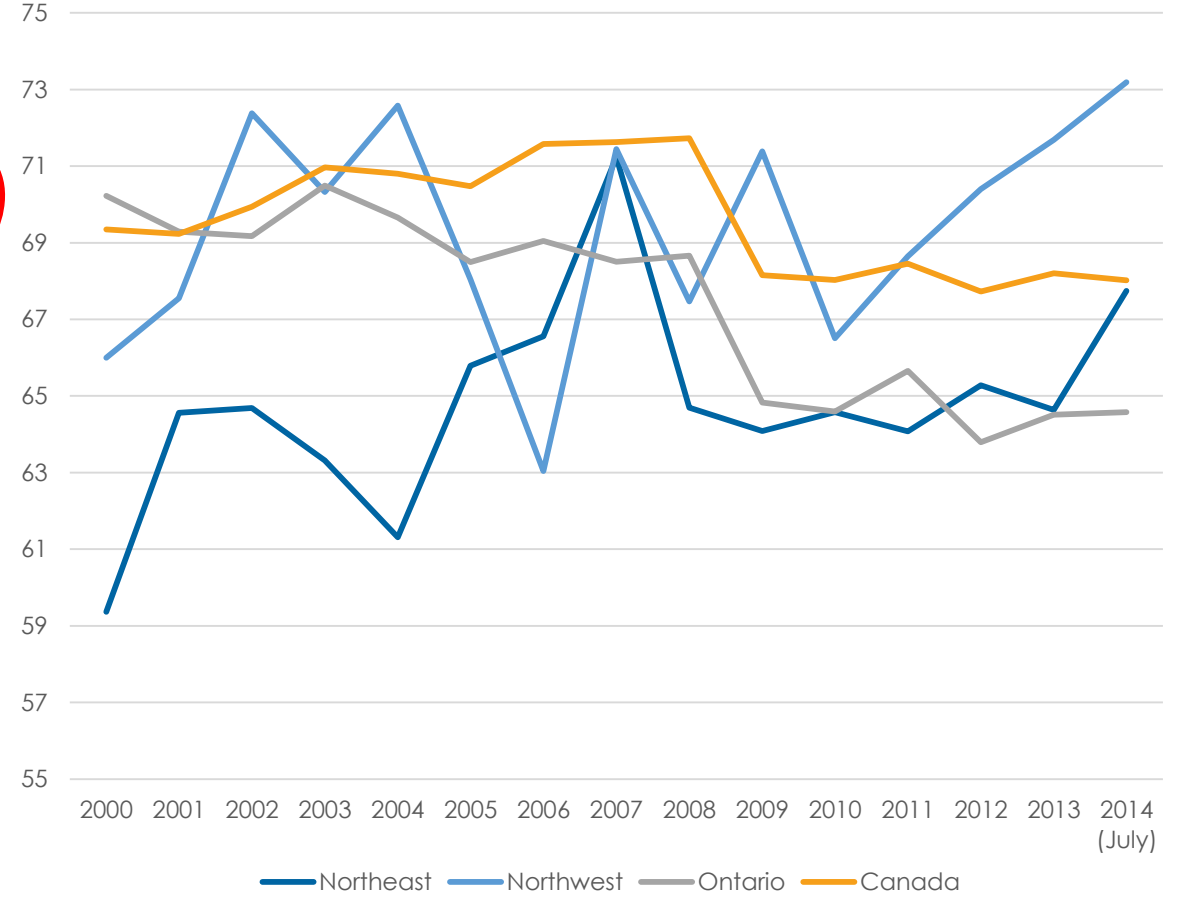
Source: Author's calculations based on Ontario, Ministry of Finance, "Ontario Population Projections, 2013-2041" (Toronto, 2014).

Youth Employment Rate

Youth Employment Rate (15 to 19 years)

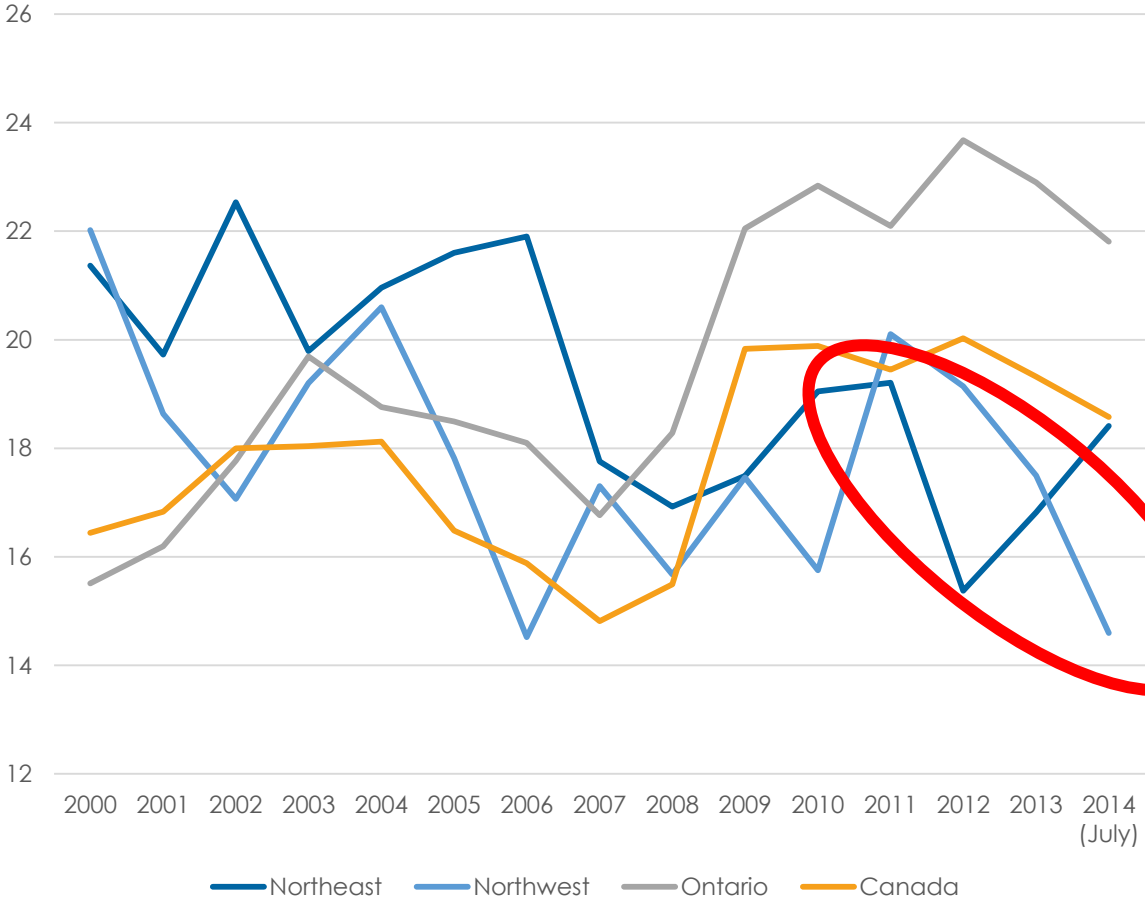


Youth Employment Rate (20 to 24 years)

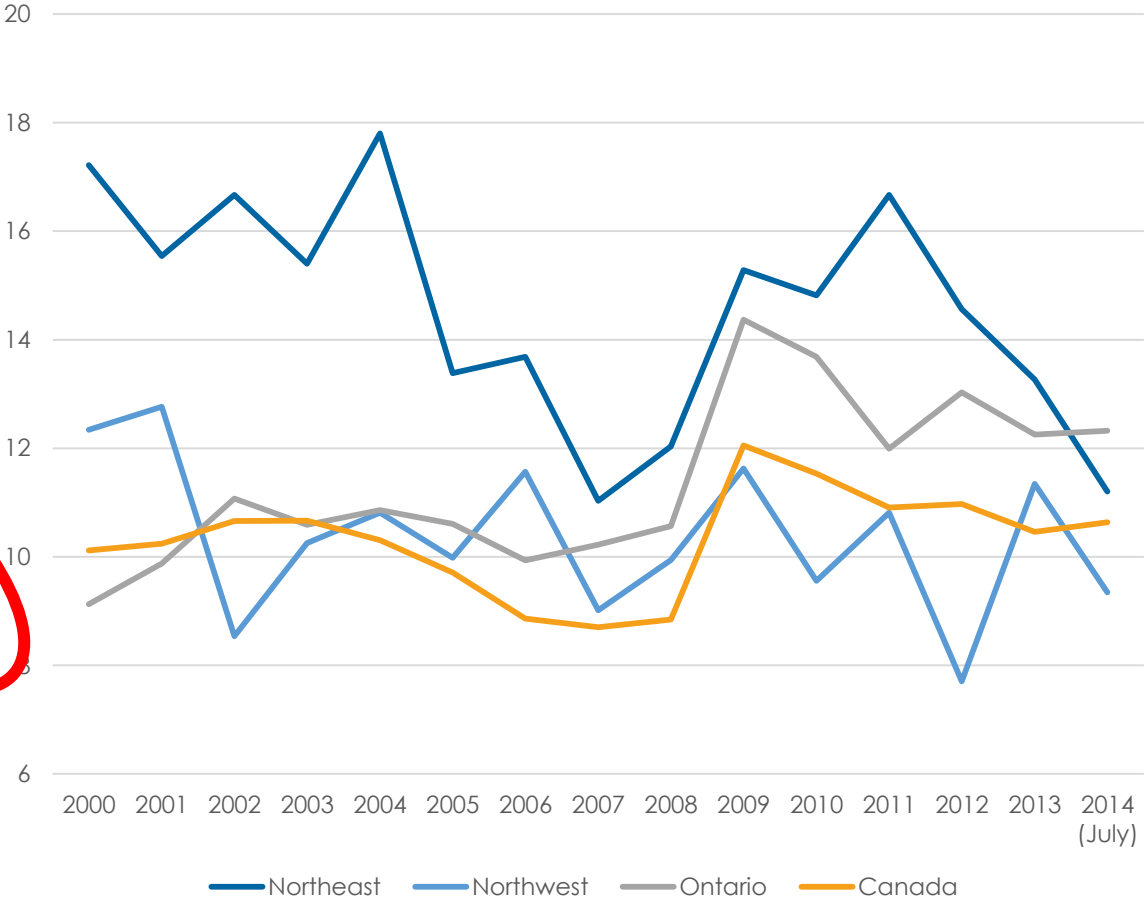


Youth Unemployment Rate

Youth Unemployment Rate (15 to 19 years)



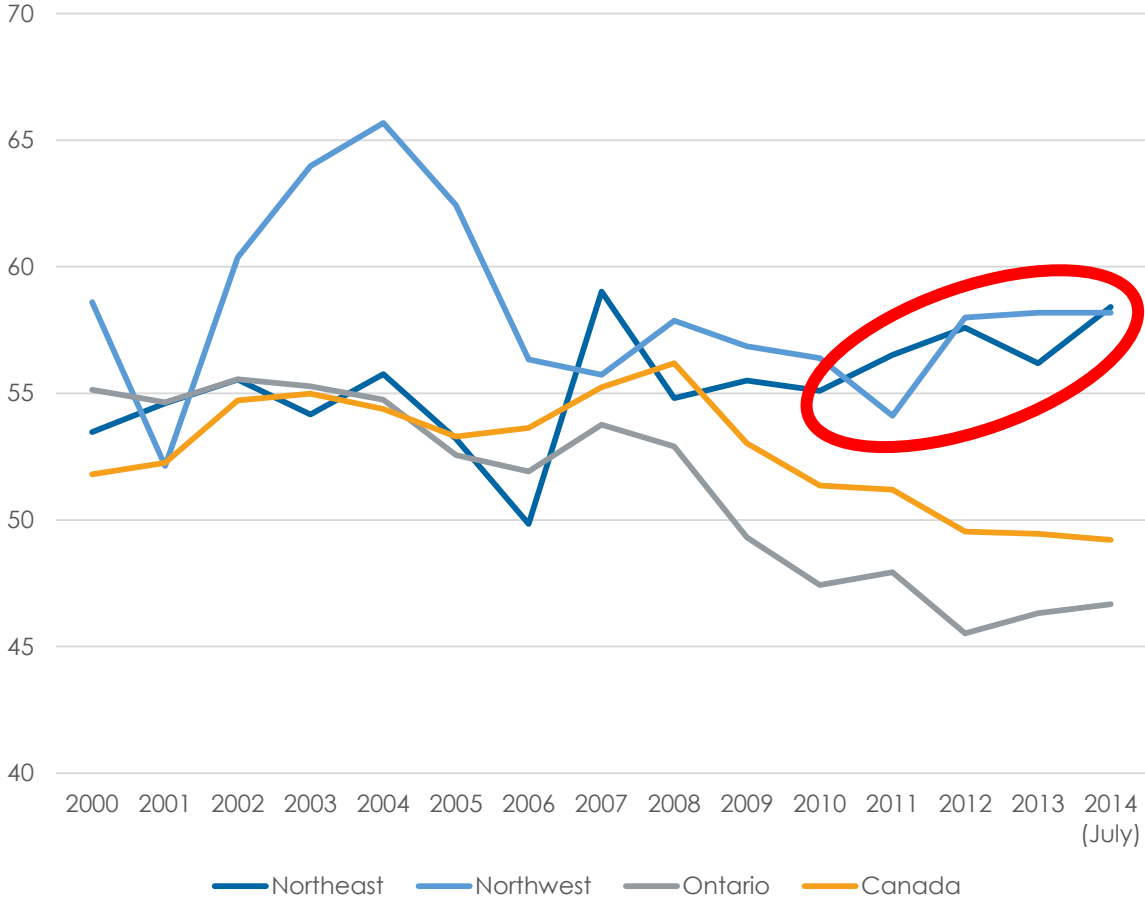
Youth Unemployment Rate (20 to 24 years)



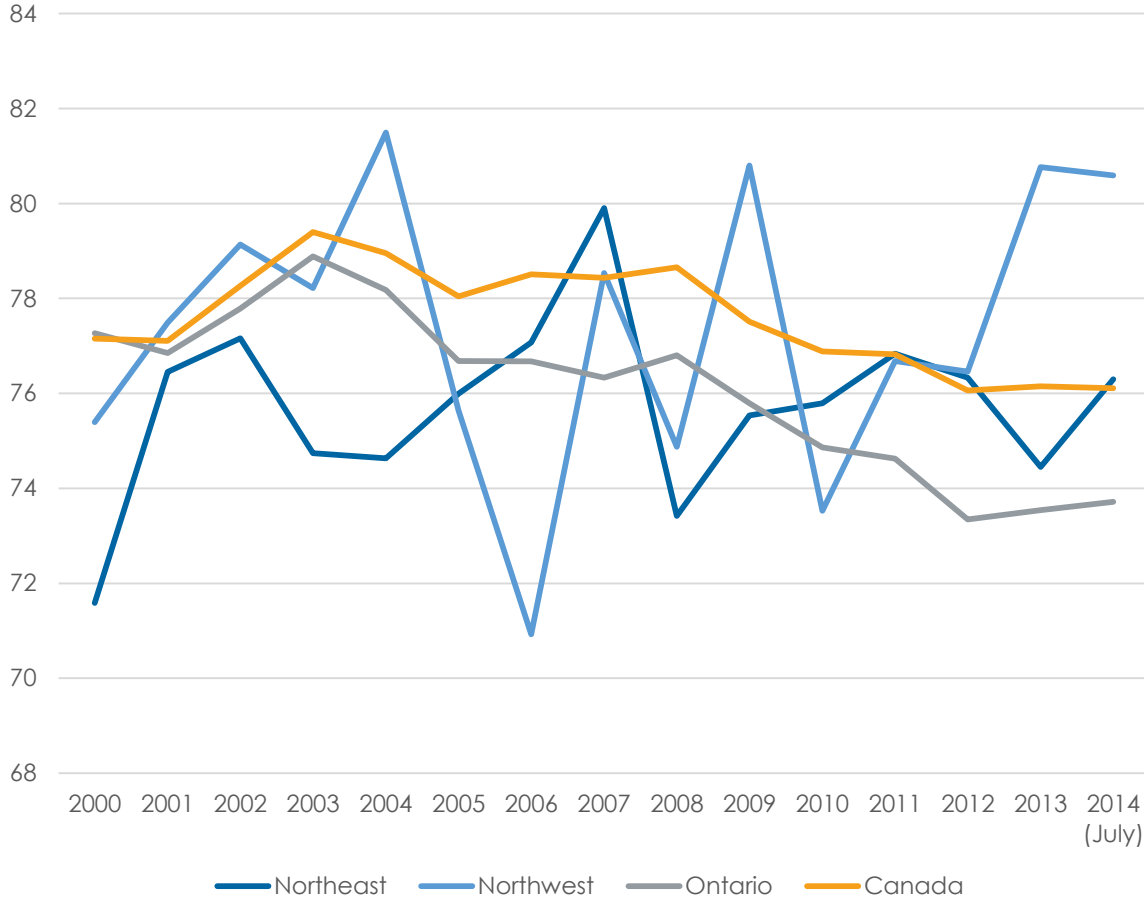
Source: Author's calculations based on Statistics Canada, custom tabulation.

Youth Participation Rate

Youth Participation Rate (15 to 19 years)



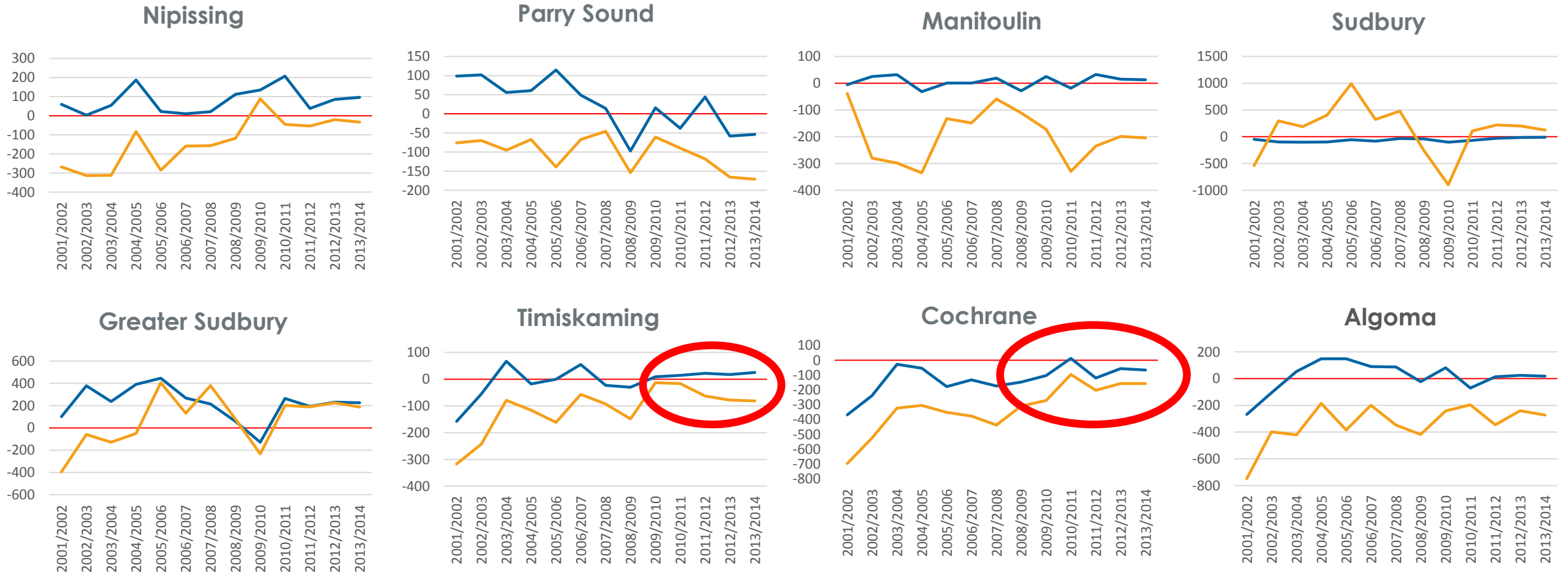
Youth Participation Rate (20 to 24 years)



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

Youth net migration, by district (Northeast)

— 0 to 19 years
 — 20 to 34 years



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:

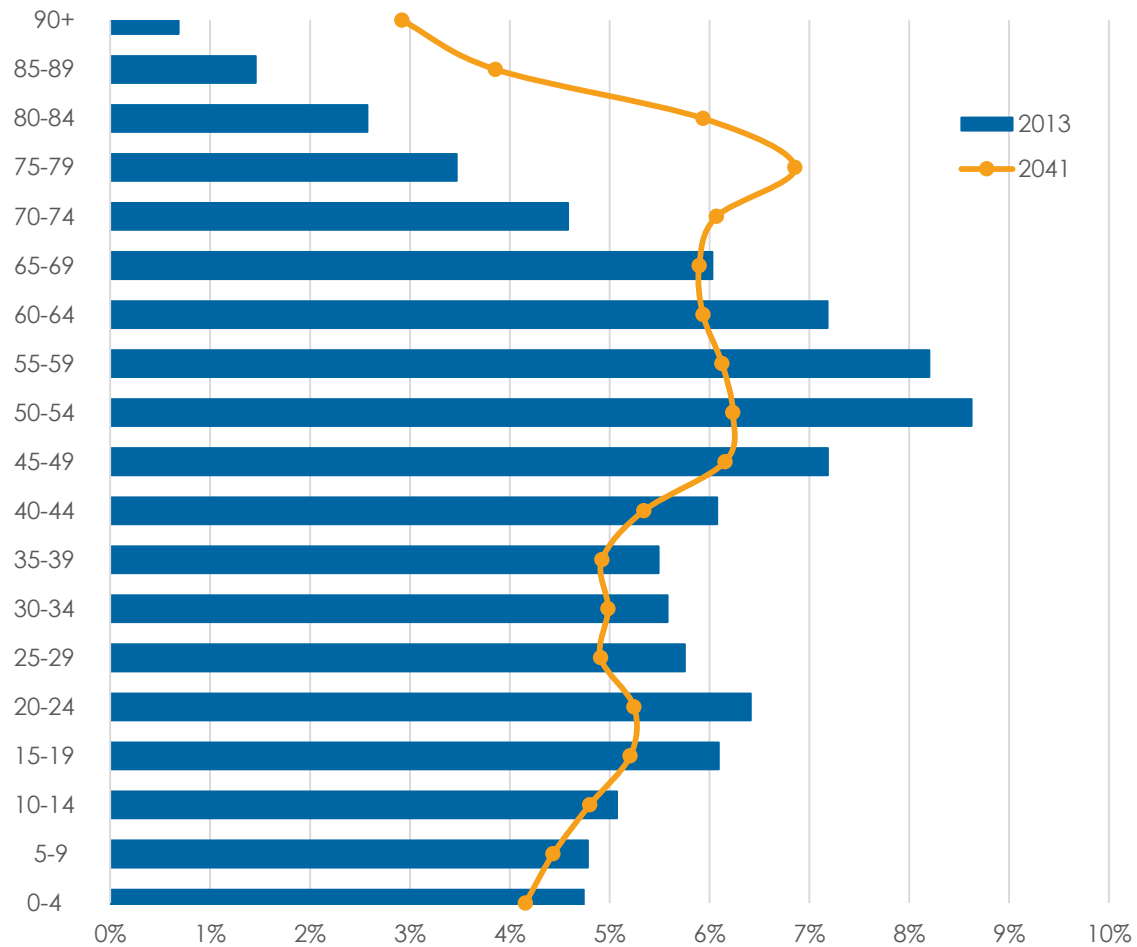
$$DDR = \frac{(\textit{Persons aged 14 years or under}) + (\textit{Persons aged 65 or older})}{\textit{Persons aged between 15 and 64 years}}$$

This ratio impacts EVERYTHING in our society:

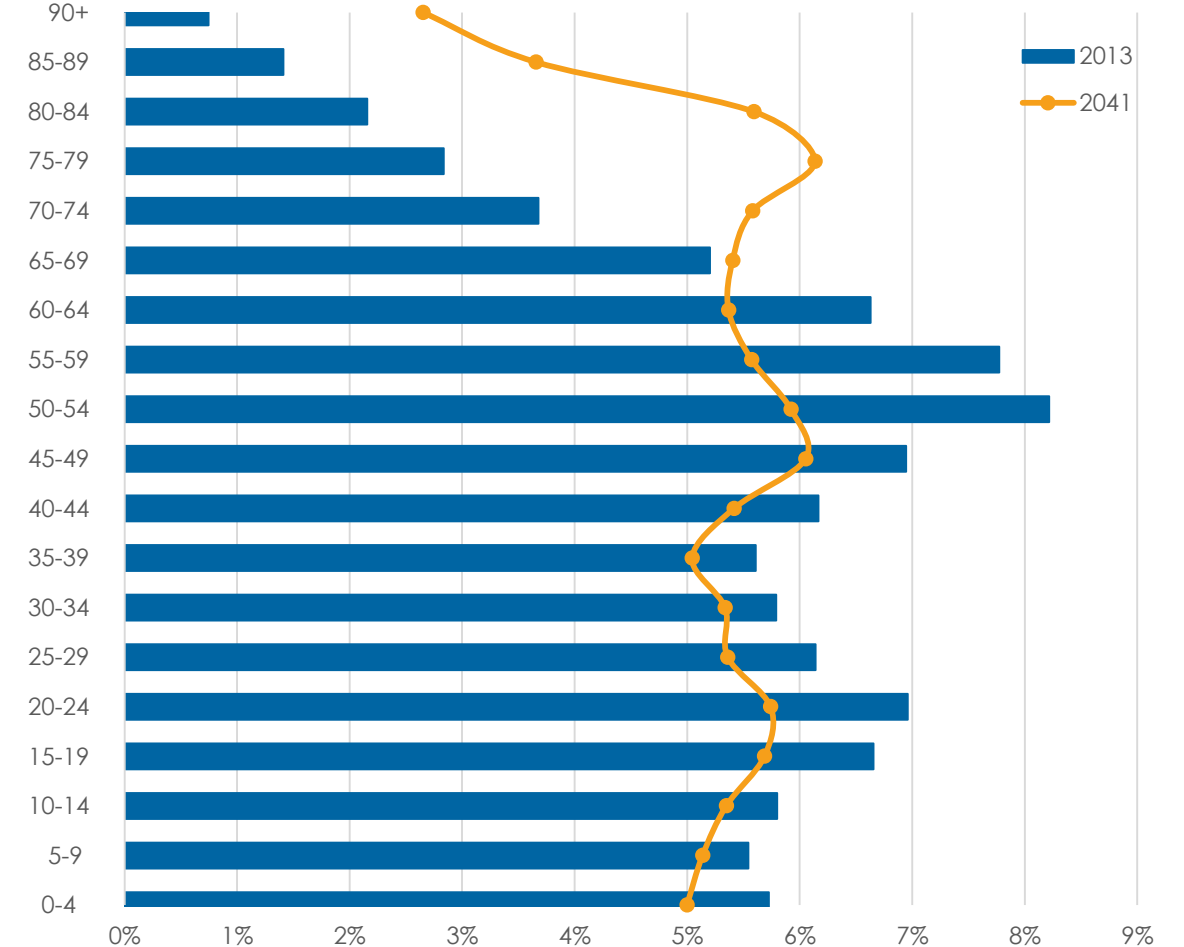
- Production
- Consumption
- Savings rates
- Investment
- Even TAX BASE (without which we cannot deliver necessary services like health, education, transportation)

Age Cohorts – Making our DDR worse

Northeast Ontario - Distribution of population by age



Northwest Ontario - Distribution of population by age



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**

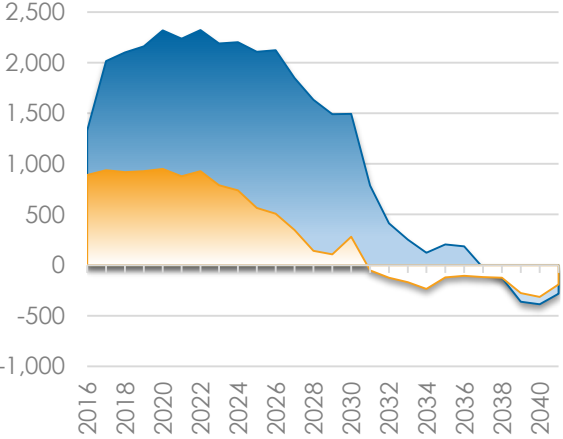
1. Hold the Demographic Dependency Ratio (DDR) steady at today's level
2. Tie regional DDR to projected provincial DDR growth rate (using 2015 as reference year)

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

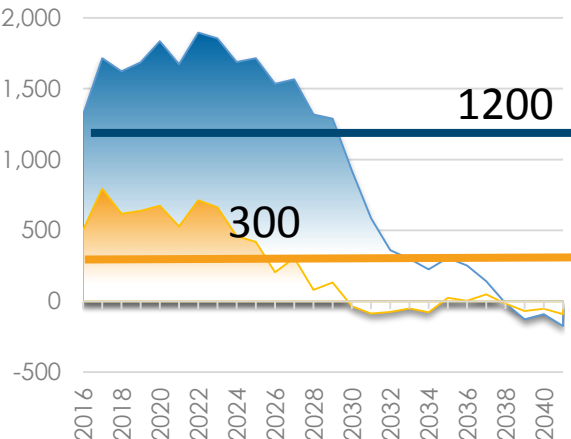
Northeast – migration targets

- Annual Net Migration, Target 1
- Annual Net Migration, Target 2

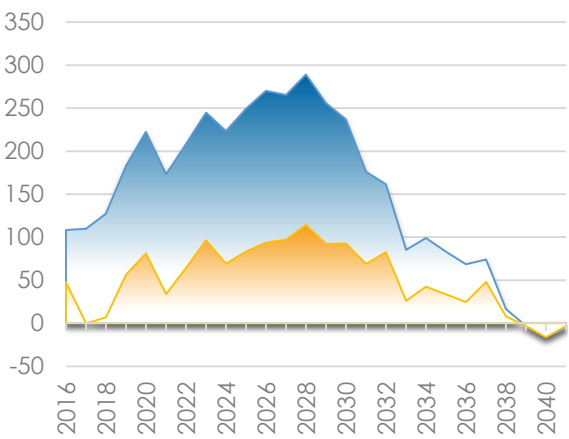
Algoma



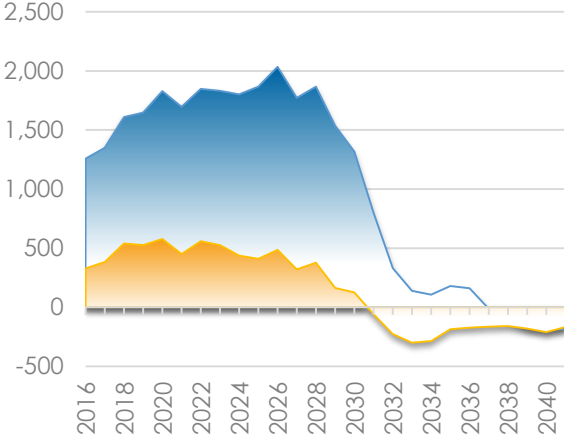
Cochrane



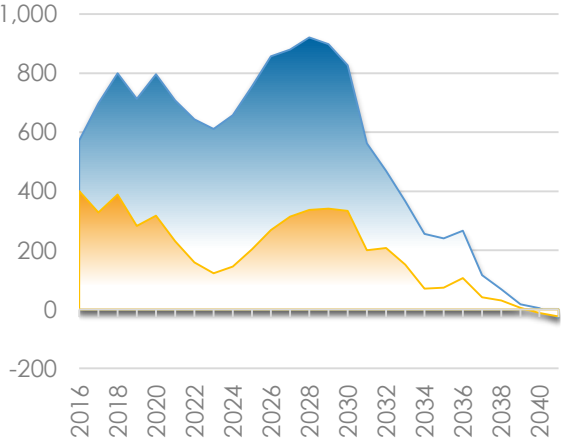
Manitoulin



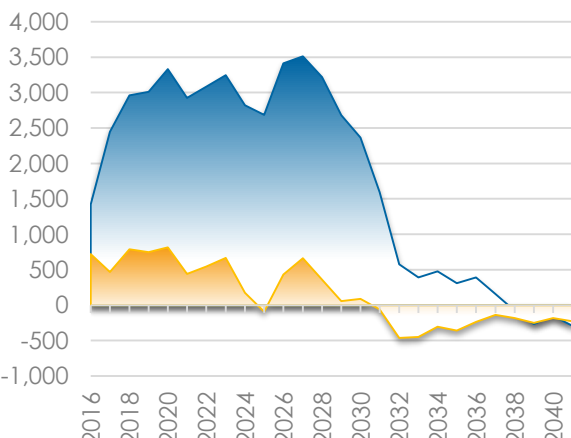
Nipissing



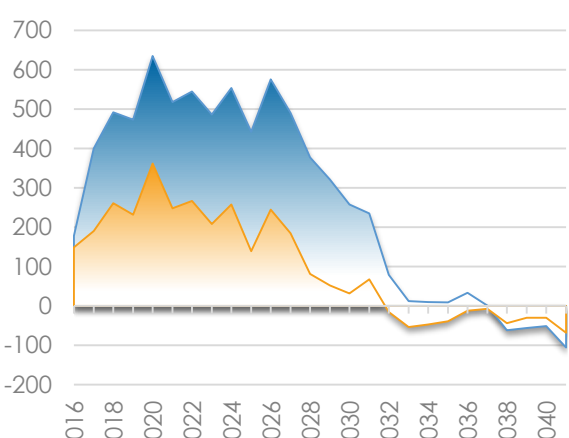
Parry Sound



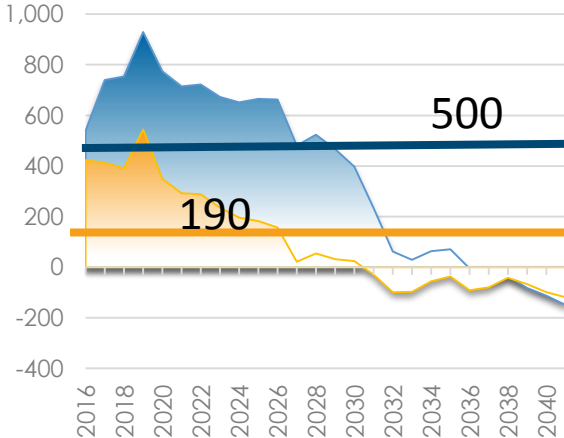
Greater Sudbury



Sudbury



Timiskaming



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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