NORTHERN LEADERS' FORUM
METRICS OF NORTHERN GROWTH

**10 NOVEMBER 2015, THUNDER BAY**

Northern Growth – Categories of regional and district level economic measures

1. Governance
2. Regional GDP
3. Population
4. Migration
5. Dependency
6. Labour
7. Education
8. Human Capital & Labour Productivity
9. Occupational Demand
10. Trade

NOTE 1: Social and Environmental measures are pending

NOTE 2: Community level measures will follow as available

# Any suggestions for other measures?
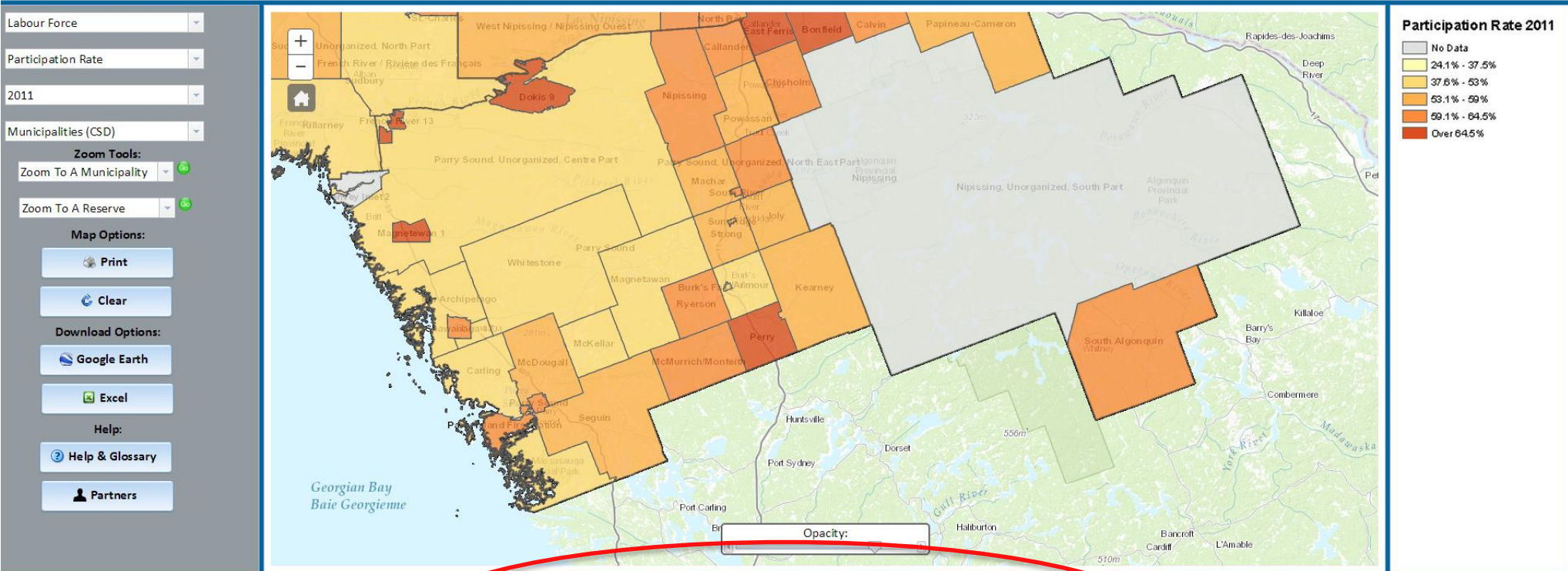
Measures we hope to add

- Annual or other more "current" data

- Other "free" StatsCan data
  - Labour Force Survey
  - Job Vacancy & Wage Survey

- Other "for a fee" StatsCan data
  - Must "add value" – so % change or indices

- Health data

- Other education data EQO or PSE

- CMHC housing market information

- Municipal FIR returns/FN information returns

- Trade & commerce data/Tourism data

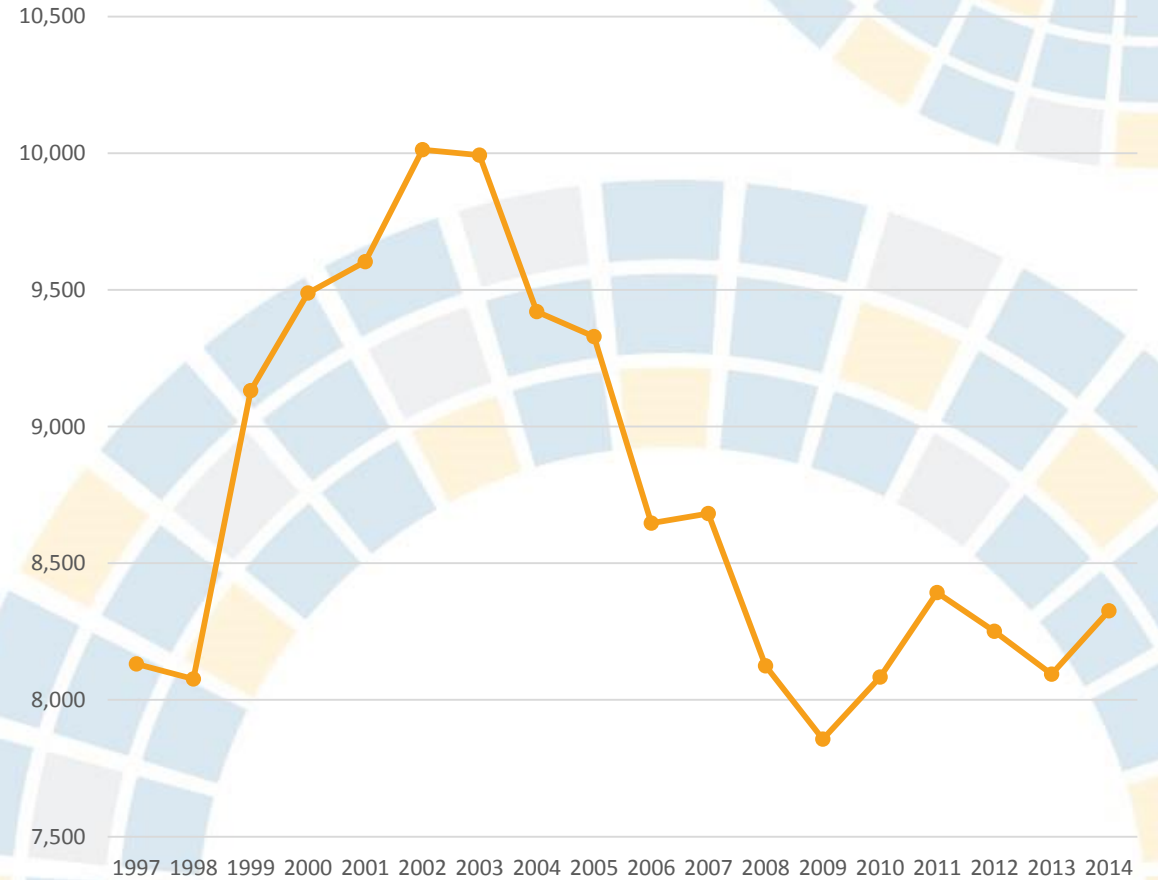- "Vital signs" and other social indicators
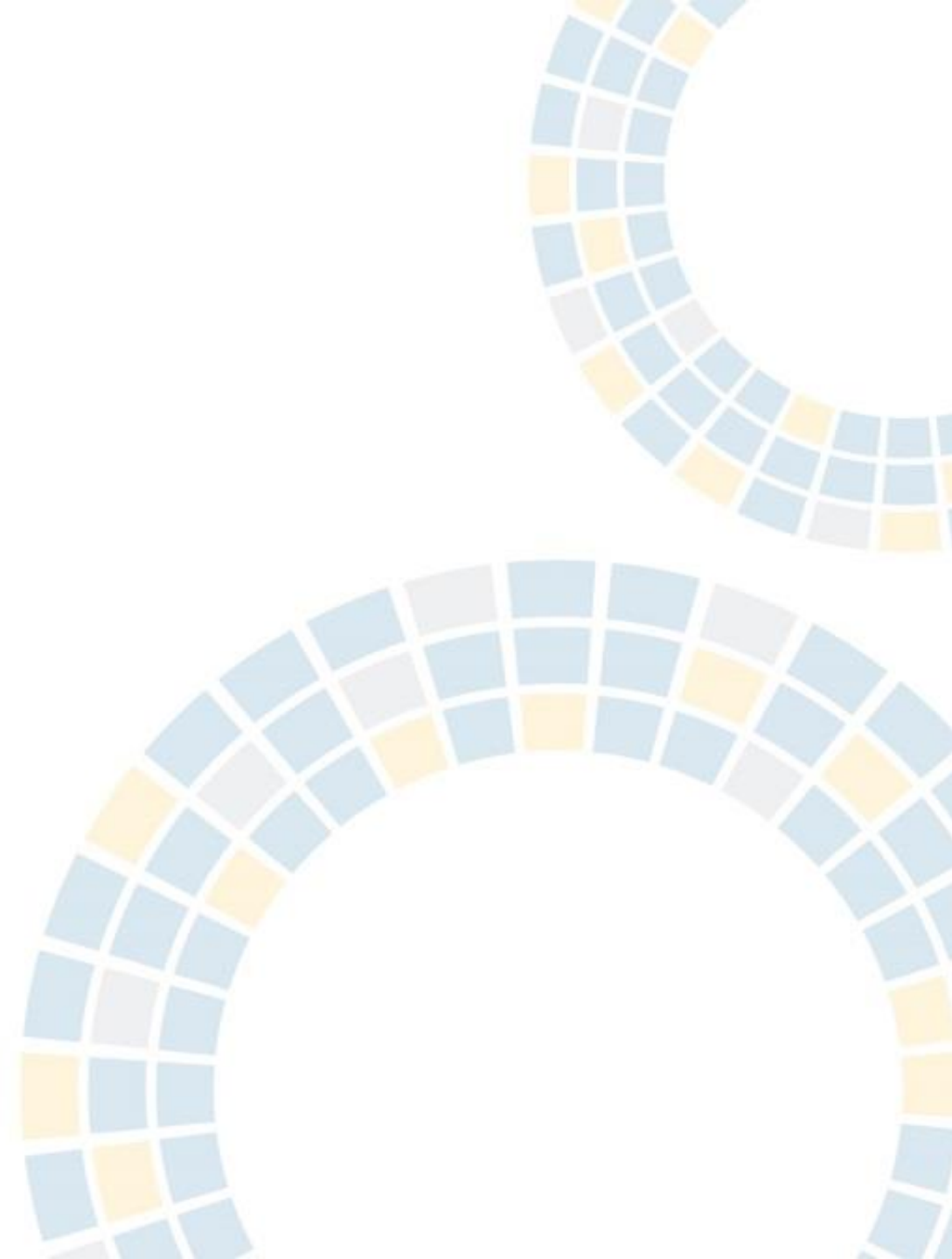
GDP (Chained 2007 dollars x 1,000,000)
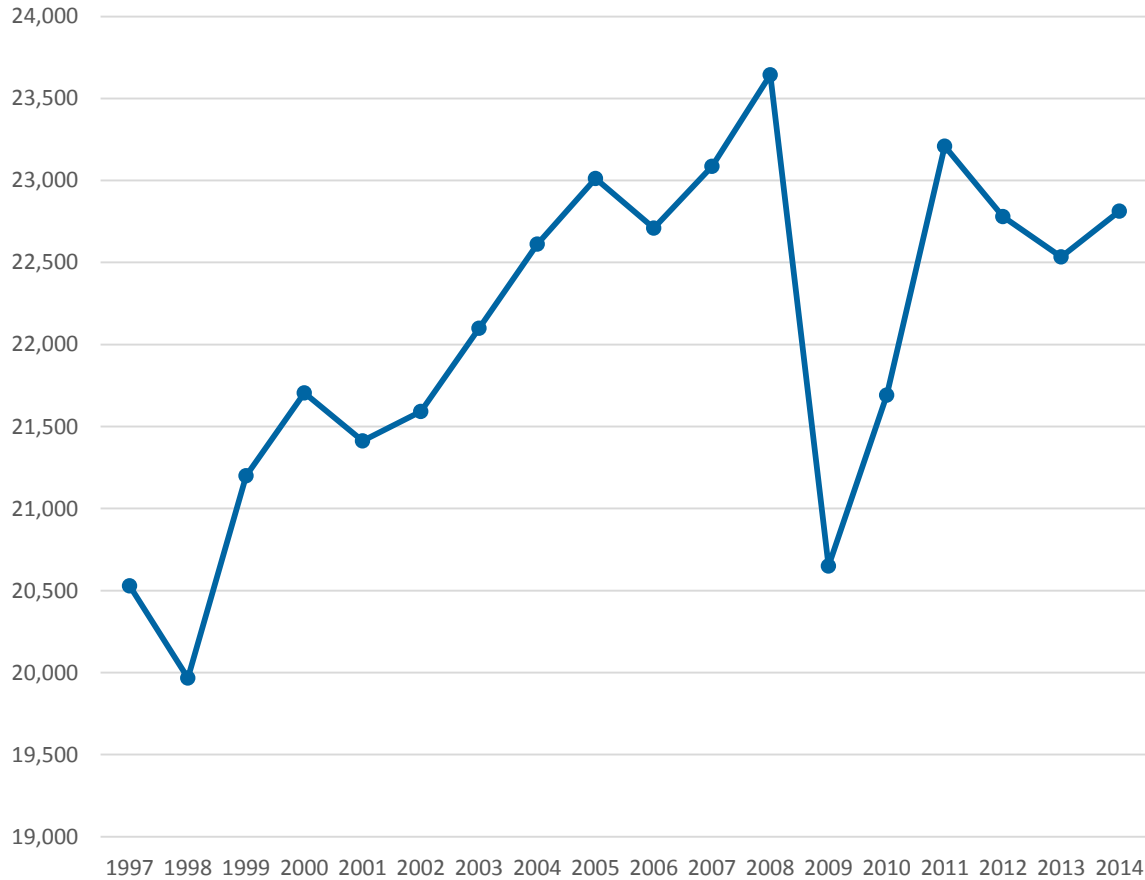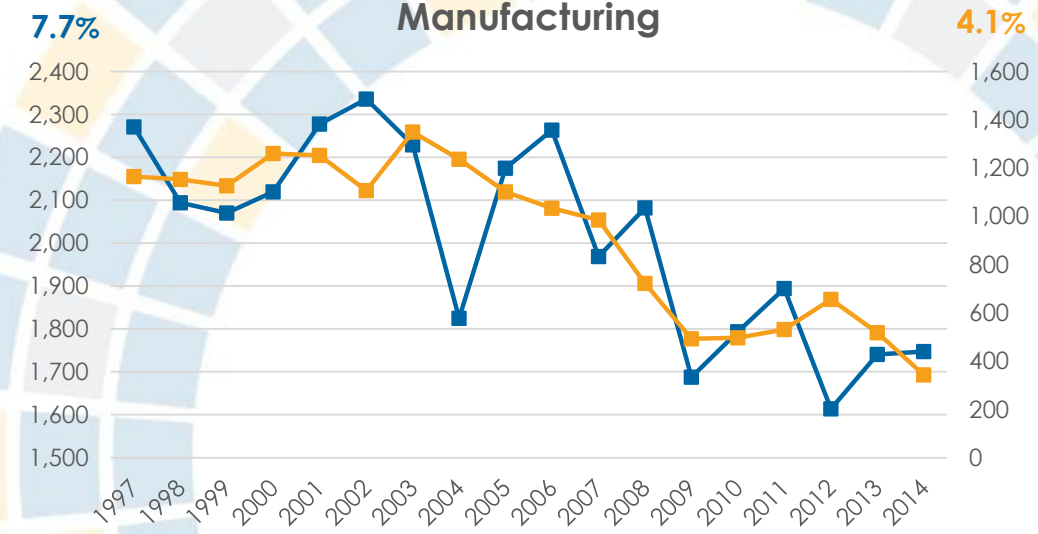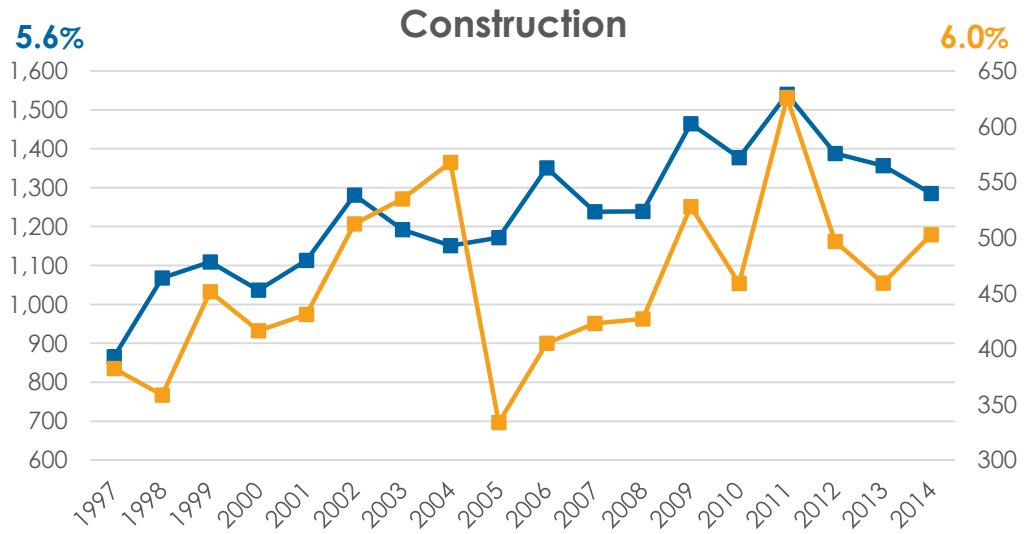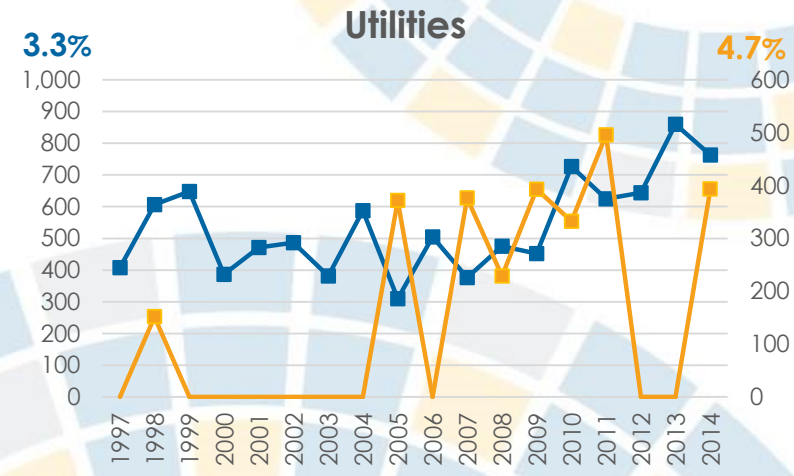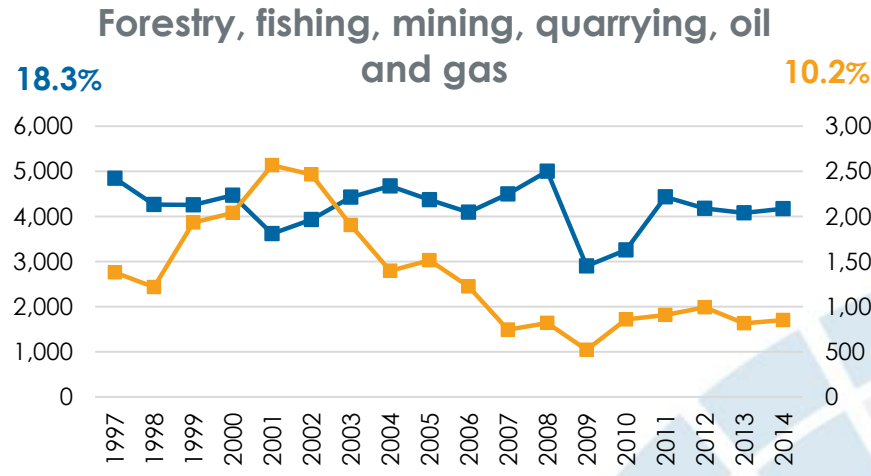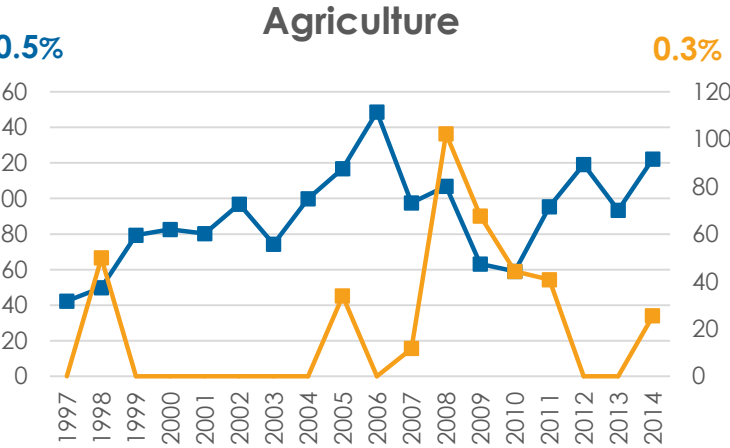

Northeast Ontario

Northwest Ontario

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

Northeast Ontario   Northwest Ontario

Agriculture — 0.5% / 0.3%

Forestry, fishing, mining, quarrying, oil and gas — 18.3% / 10.2%

Utilities — 3.3% / 4.7%

Construction — 5.6% / 6.0%

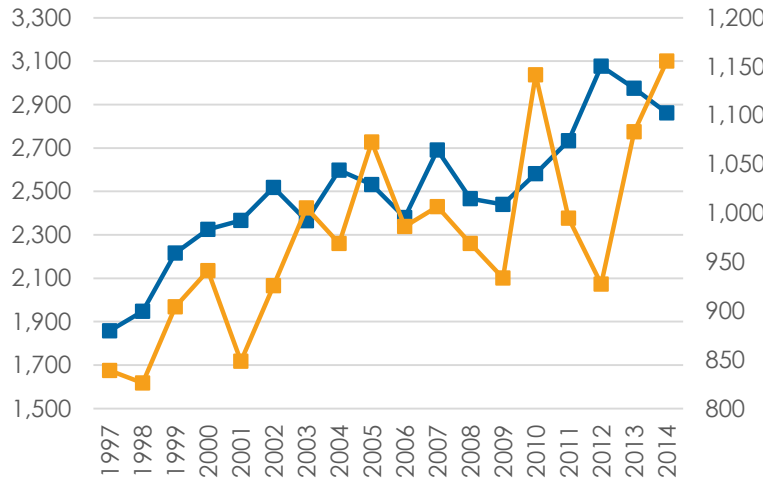Manufacturing — 7.7% / 4.1%

Source: Author's calculations based on Statistics Canada, CANSIM database, tables 282-0125 and 379-0030.
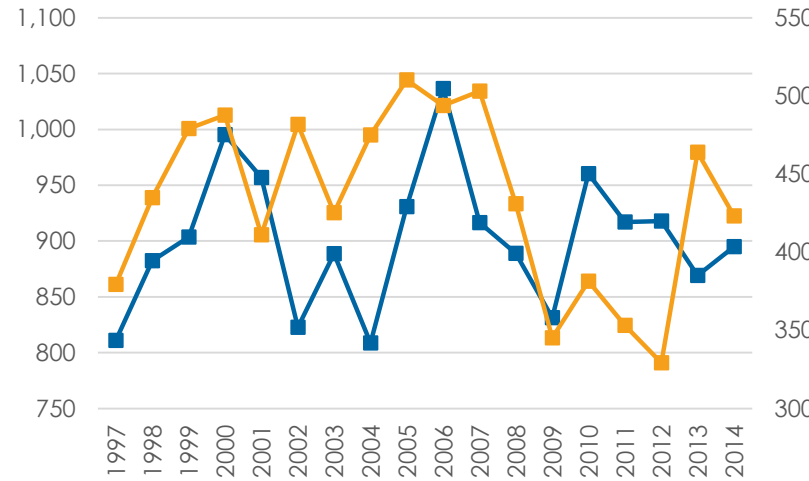
GDP by services-producing industry
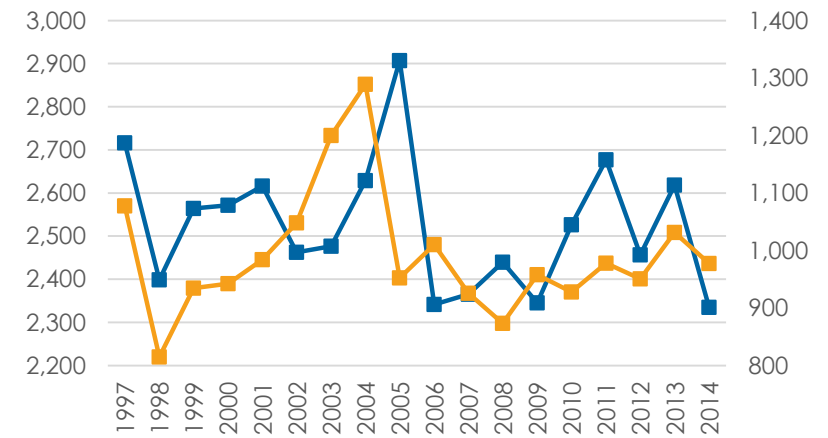
Northeast Ontario — Northwest Ontario

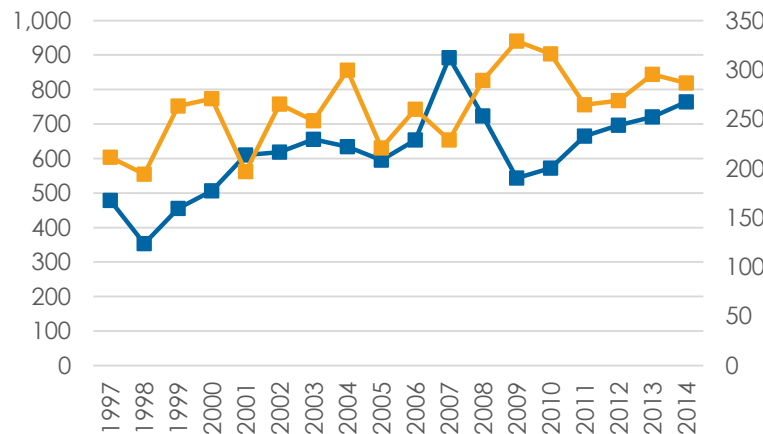**12.5%** Trade (Wholesale and Retail) **13.9%**

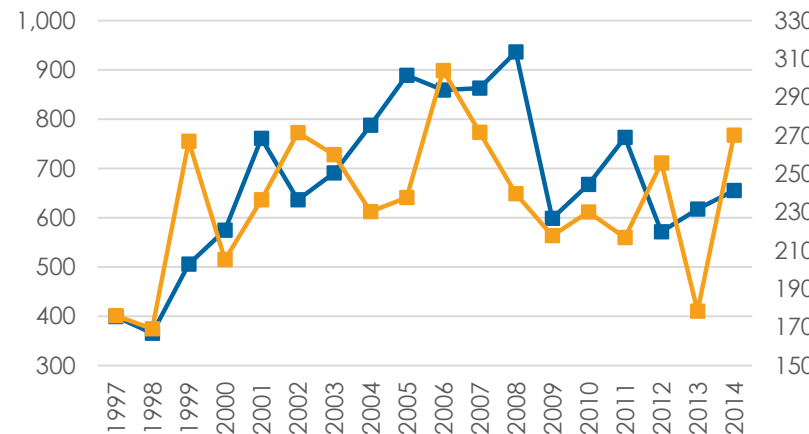**3.9%** Transportation and Warehousing **5.1%**

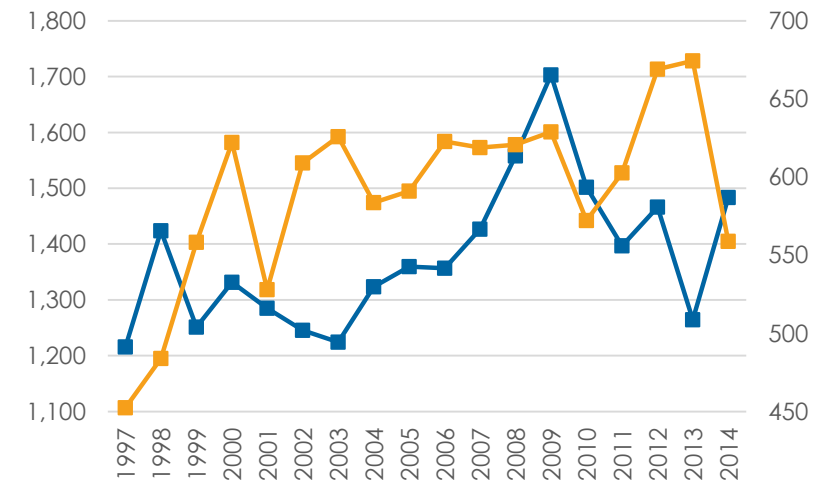**10.2%** Finance, insurance, real estate & leasing **11.7%**

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

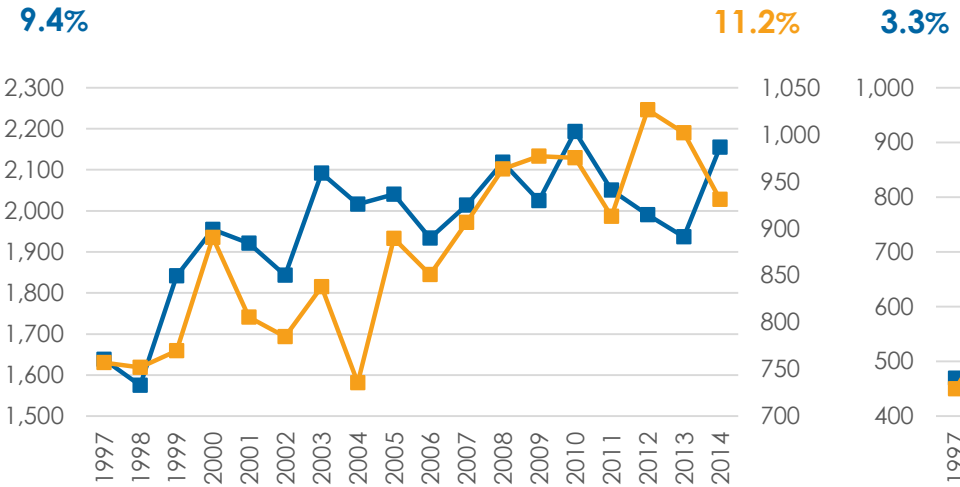**2.9%** Business, building & other support services **3.2%**
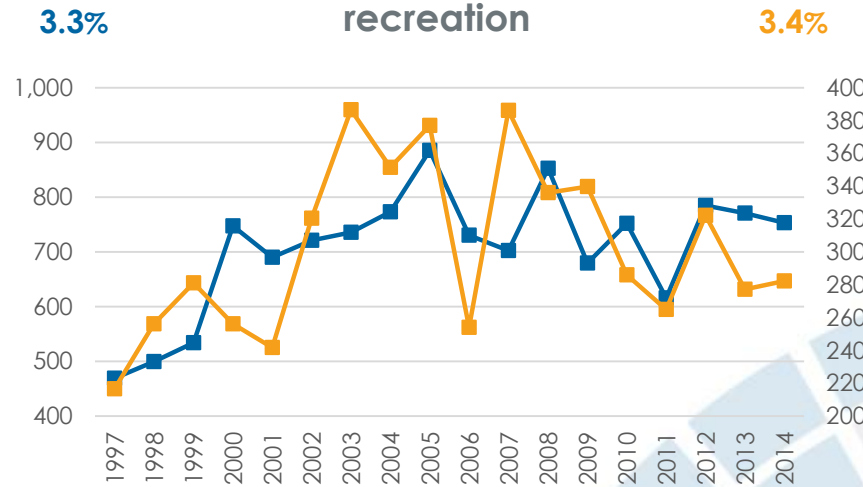
6.5% Educational services **6.7%**

Source: Author's calculations based on Statistics Canada, CANSIM database, tables 282-0125 and 379-0030.

GDP by services-producing industry cont'd

Health care & social assistance

9.4%   11.2%

Information, culture & recreation

3.3%   3.4%

Accommodation & food services

2.1%   2.3%

Other services

1.9%   2.4%
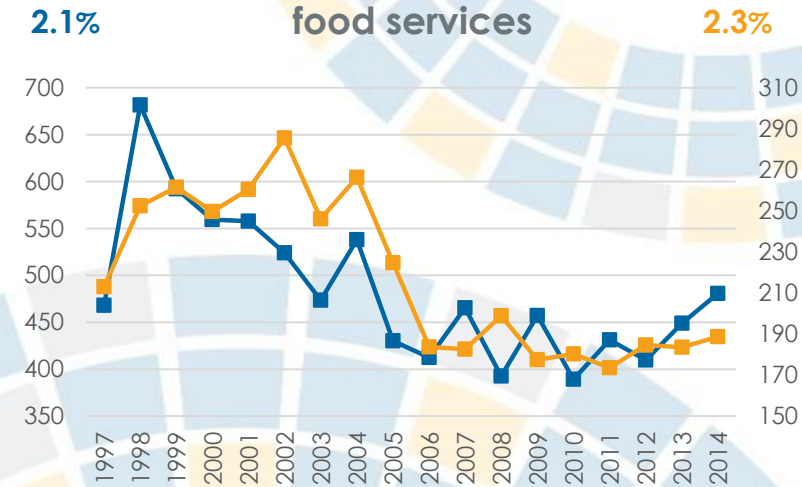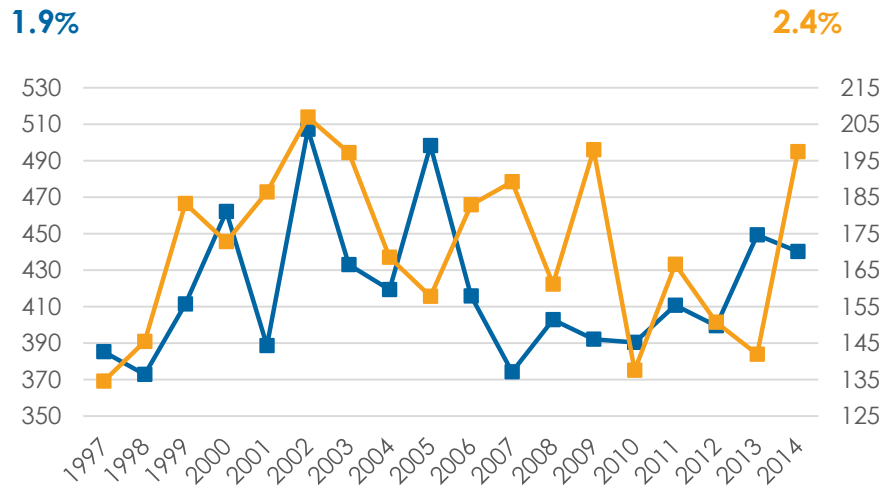
Public administration

8.3%   11.3%
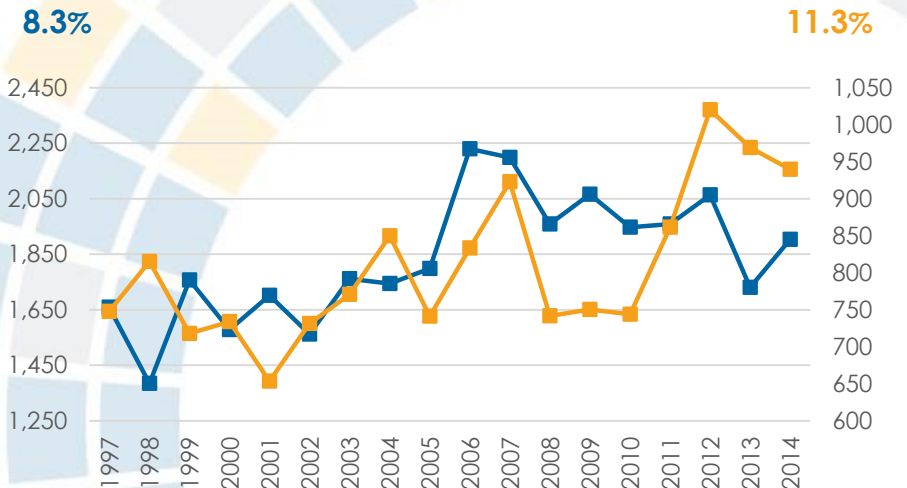
Population Projections

Northeast districts - Cumulative population growth

Nipissing, 3.25%

Parry Sound, 0.57%

Manitoulin, 0.21%

Greater Sudbury, 0.08%

Timiskaming, -7.28%

Algoma, -10.15%

Cochrane, -11.86%

Sudbury, -19.96%
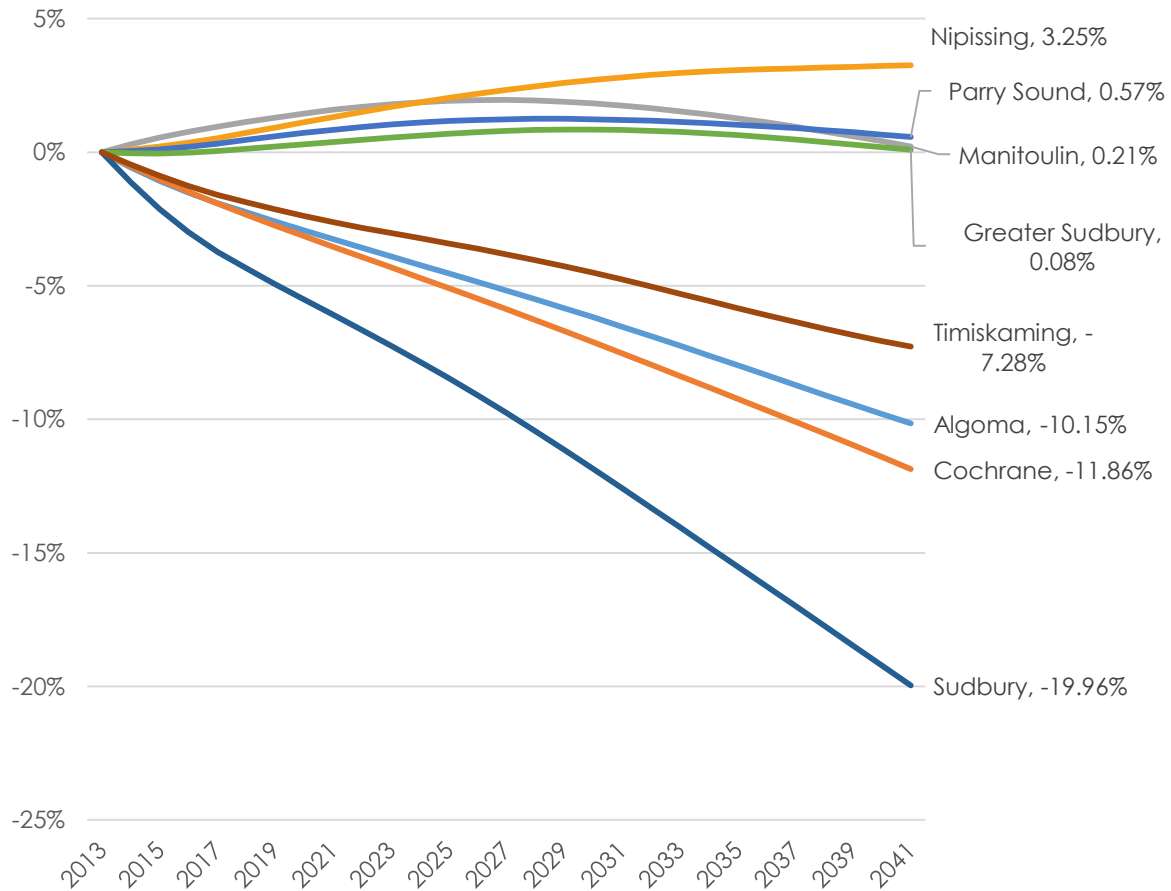
Northwest districts - Cumulative population growth
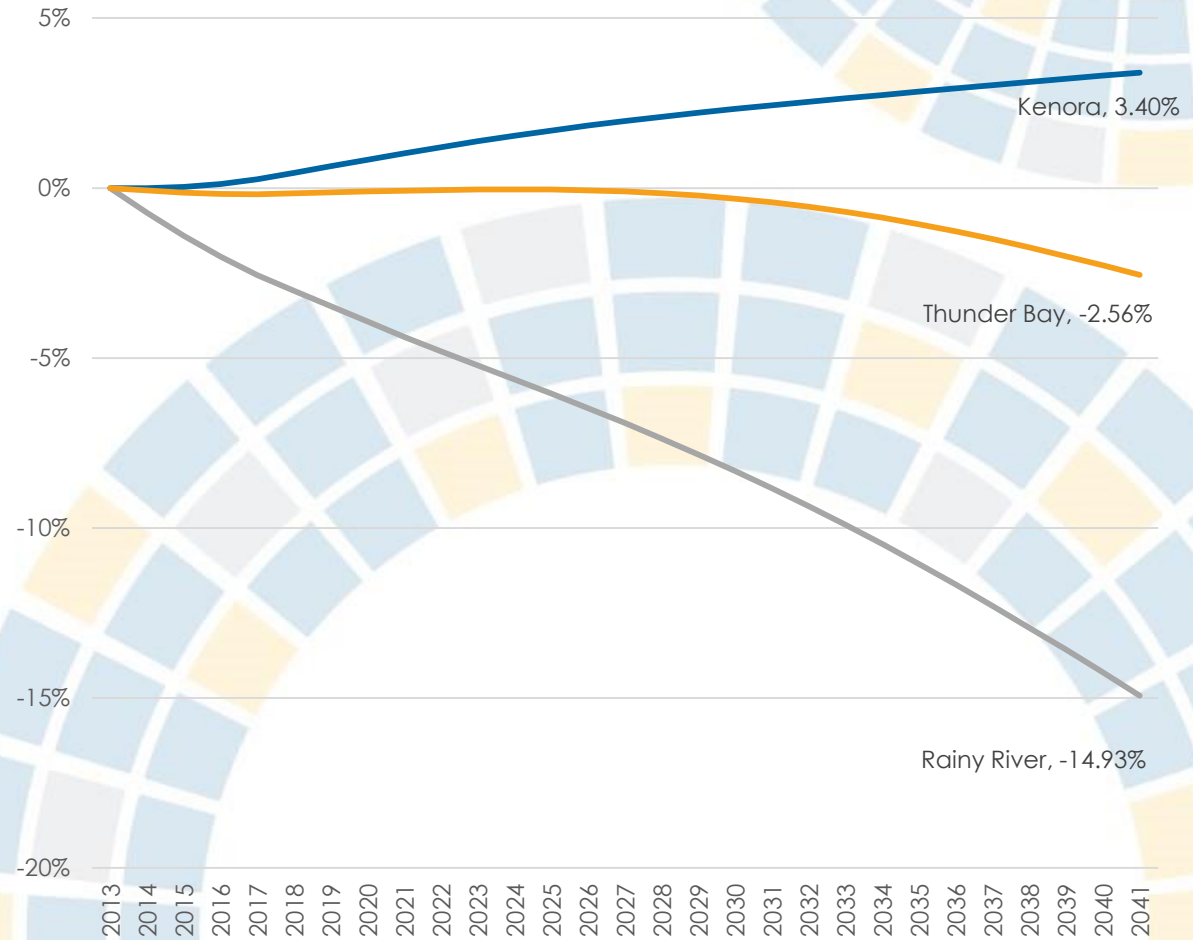
Kenora, 3.40%

Thunder Bay, -2.56%

Rainy River, -14.93%

Age Cohorts

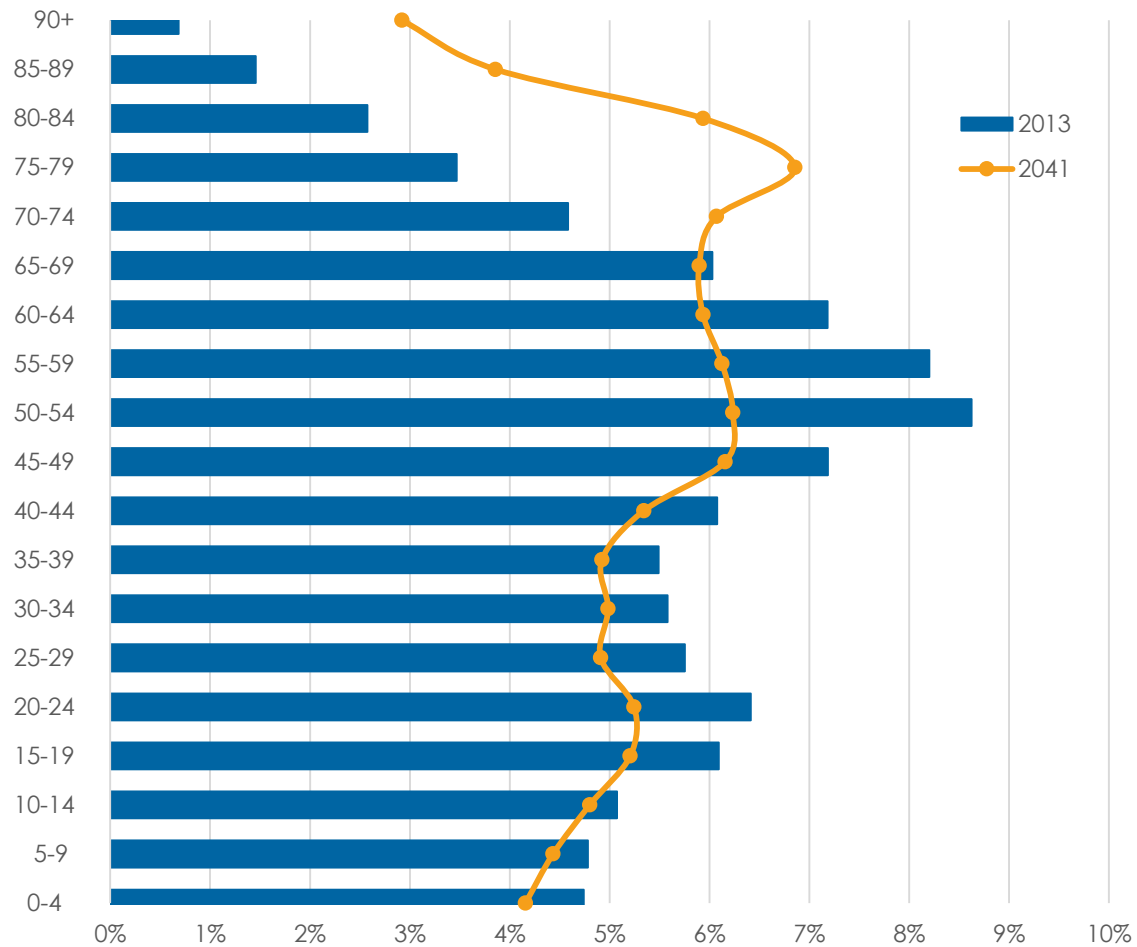**Northeast Ontario - Distribution of population by age**

Northwest Ontario - Distribution of population by age
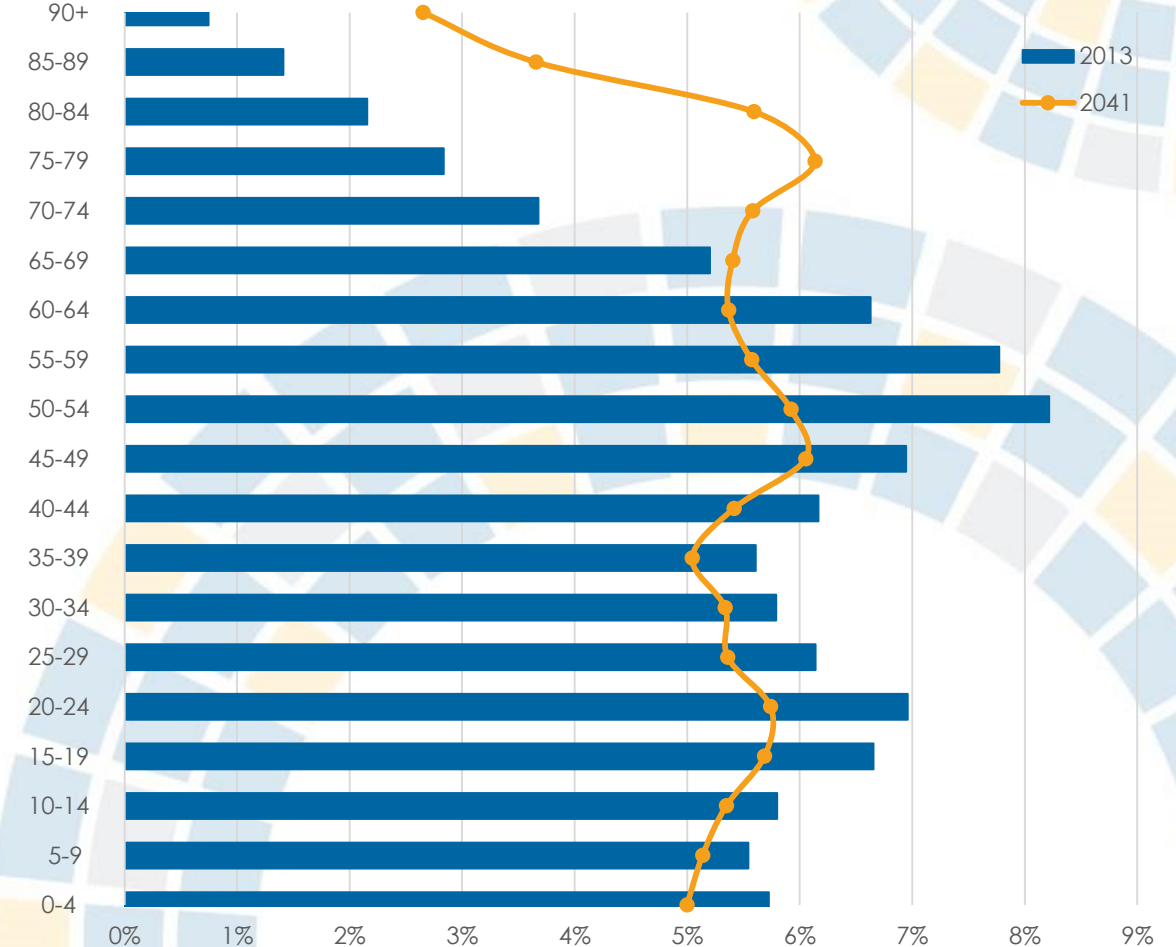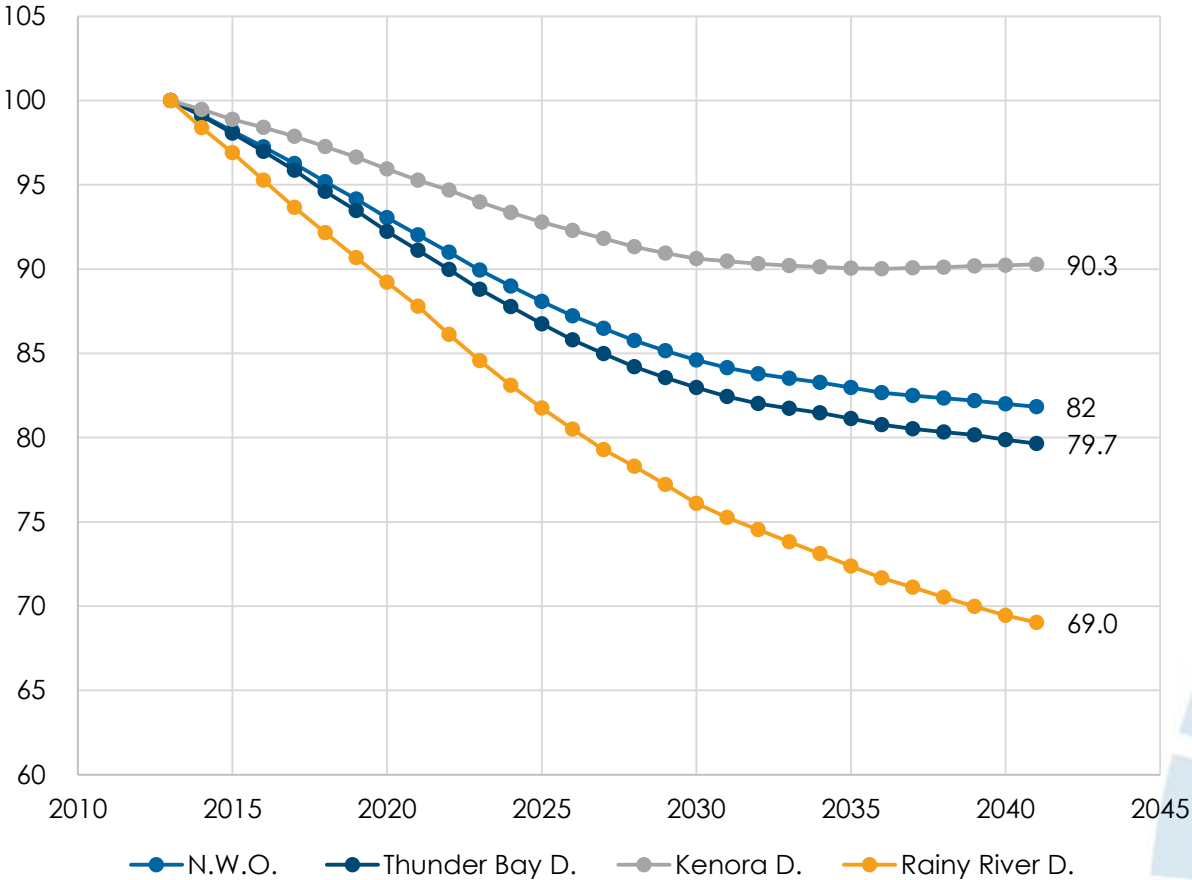
Source: Author's calculations based on Ontario, Ministry of Finance, "Ontario Population Projections, 2013-2041" (Toronto, 2014).
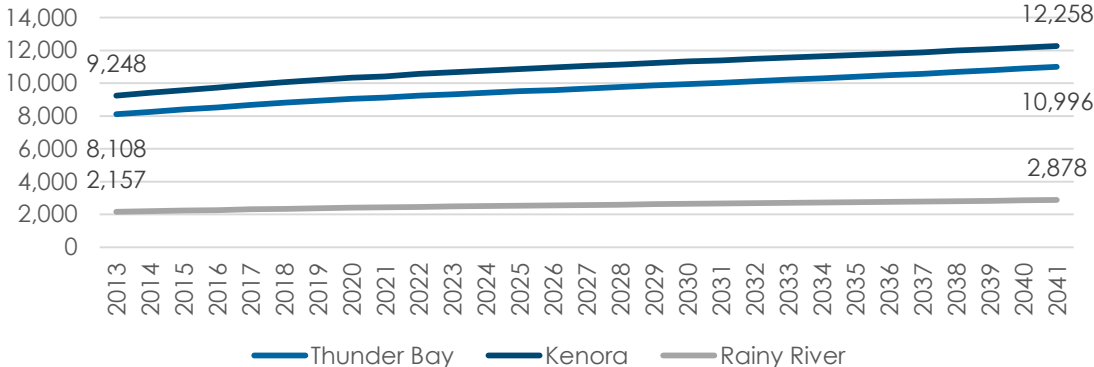
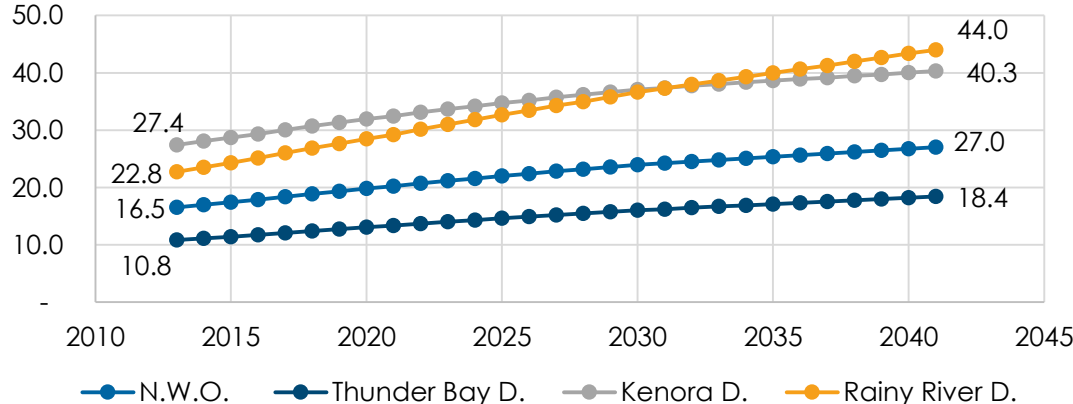# Projected Labour Supply in the Northwest

* NE in progress

Projected Labour Supply (2013=100)

Legend: N.W.O. — Thunder Bay D. — Kenora D. — Rainy River D.

Endpoint values: 90.3, 82, 79.7, 69.0

Projected Aboriginal Labour Force, 2013-41

Values: 9,248 → 12,258; 8,108 → 10,996; 2,157 → 2,878

Legend: Thunder Bay — Kenora — Rainy River

Aboriginal Share of the Labour Force (%)

Values: 27.4 → 44.0; 22.8 → 40.3; 16.5 → 27.0; 10.8 → 18.4

Legend: N.W.O. — Thunder Bay D. — Kenora D. — Rainy River D.

Youth net migration, by district (Northeast)

———— 0 to 19 years   **———— 20 to 34 years**

Youth net migration, by district (Northwest)

— 0 to 19 years   — 20 to 34 years
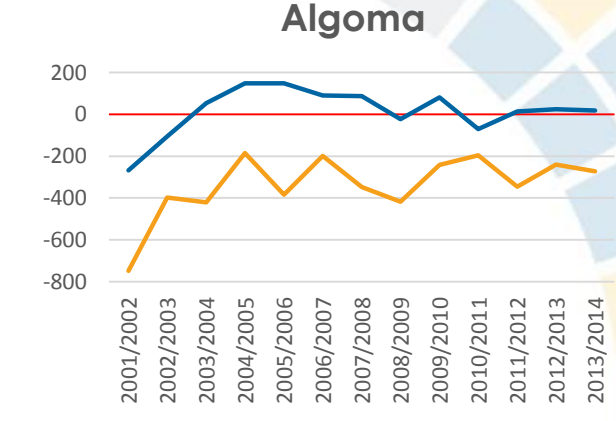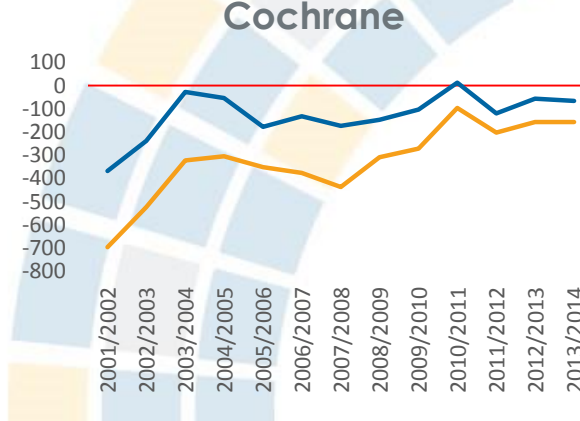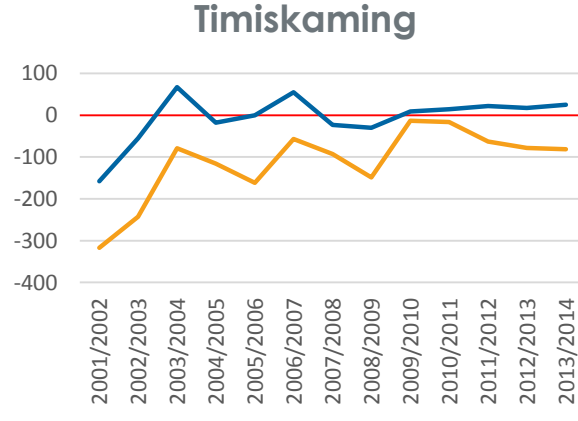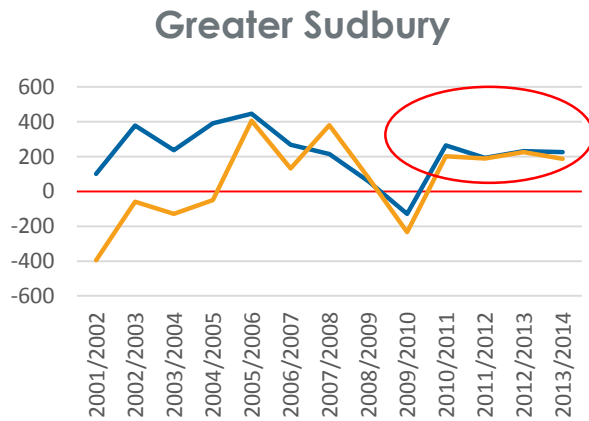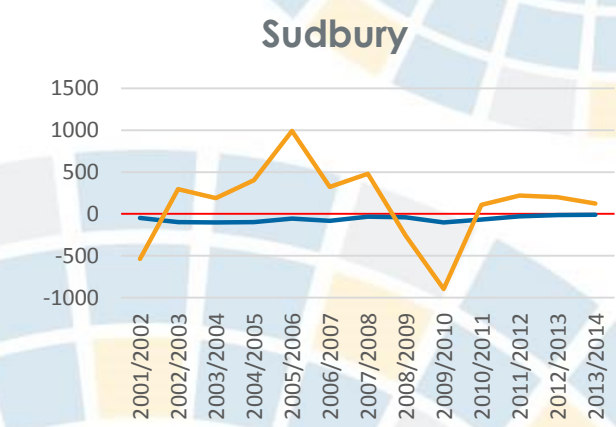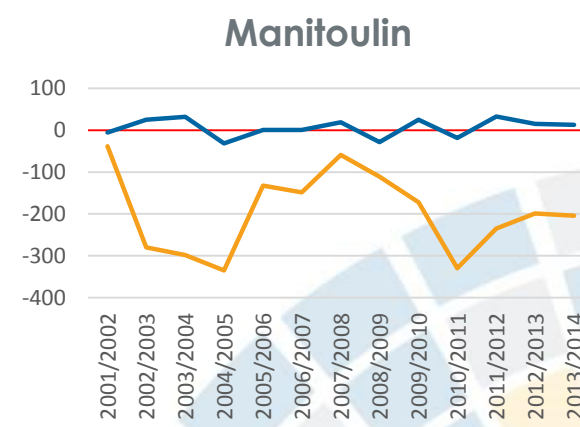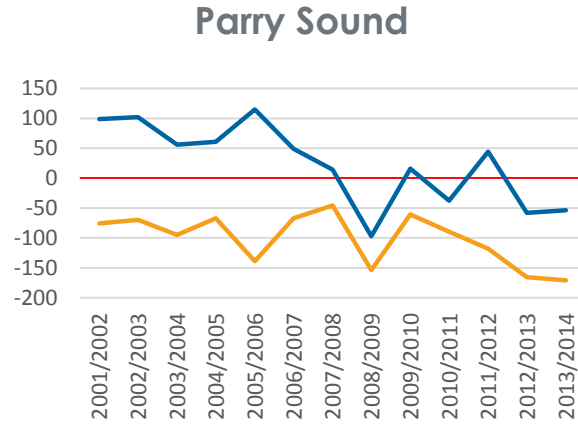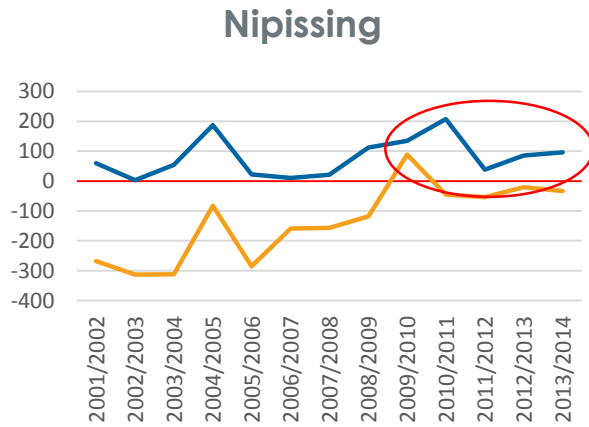
Source: Author's calculations based on Statistics Canada, CANSIM database, table 051-0053.
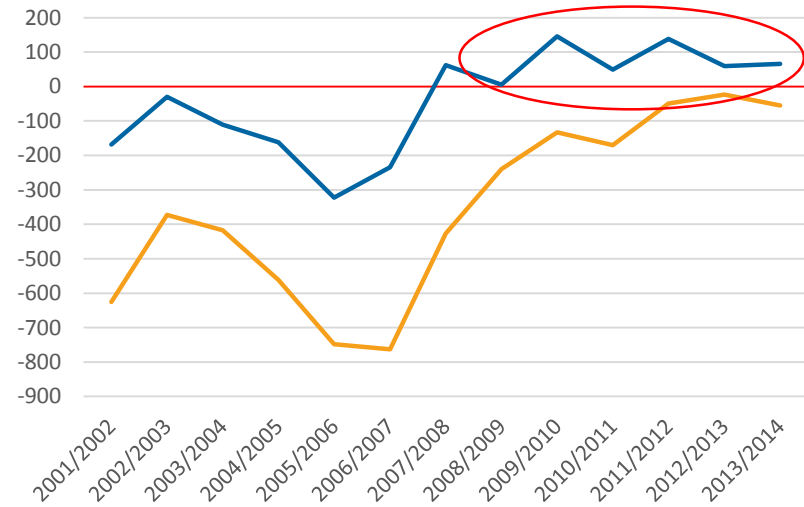
Current & Projected Dependency

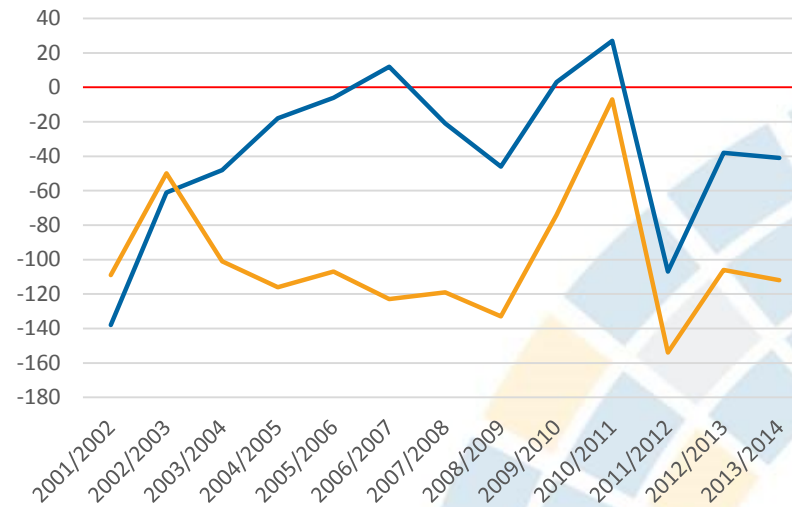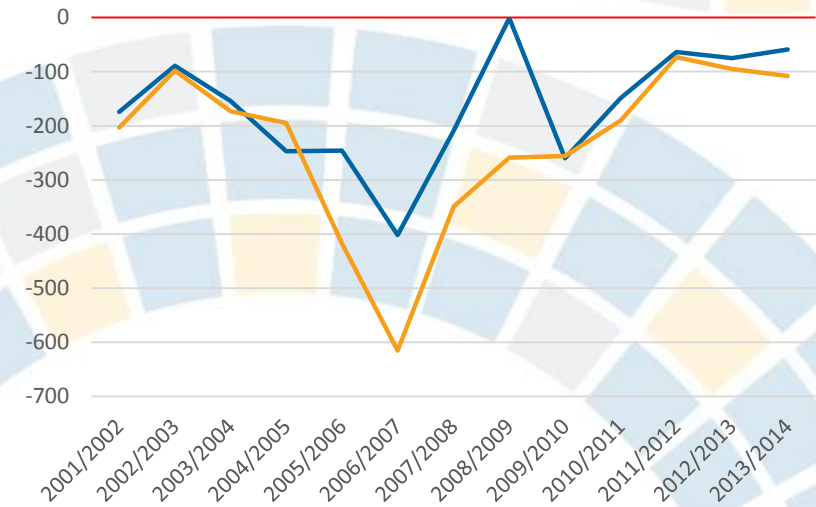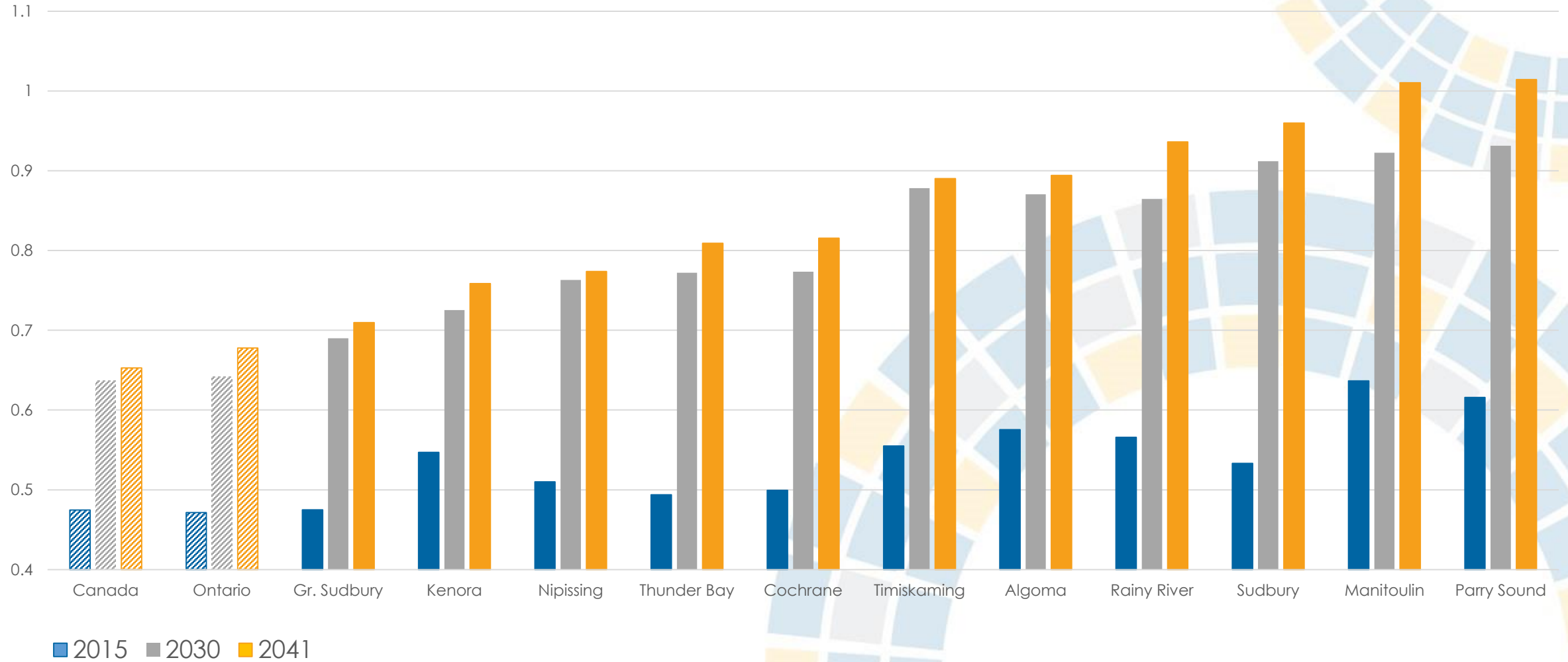Source: Author's calculations based on Ontario, Ministry of Finance, "Ontario Population Projections, 2013-2041" (Toronto, 2014).

Northeast – migration targets

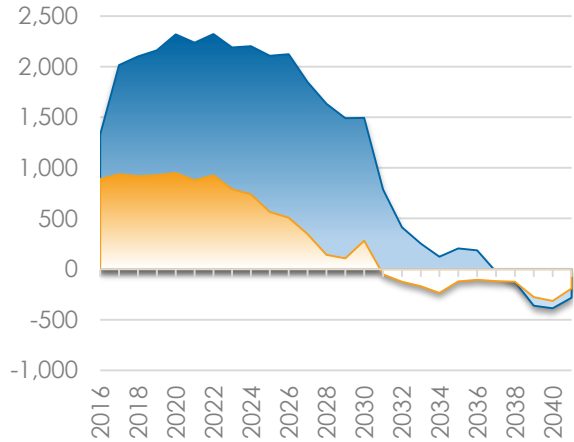■ Annual Net Migration, Target 1
□ Annual Net Migration, Target 2

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

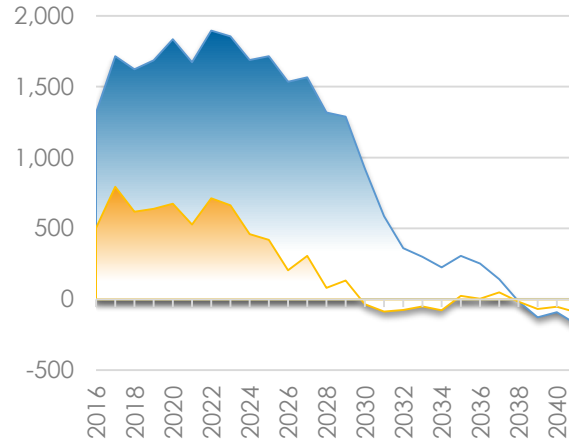# Northwest – migration targets

Target 1 = to hold dependency ratio at current level (i.e. just shy of .5 for Thunder Bay as of 2015, see slide 14)
Target 2 = allowing dependency ratio to rise to match the provincial rate by 2041 (i.e. just shy of .7, see slide 14)

■ Annual Net Migration, Target 1
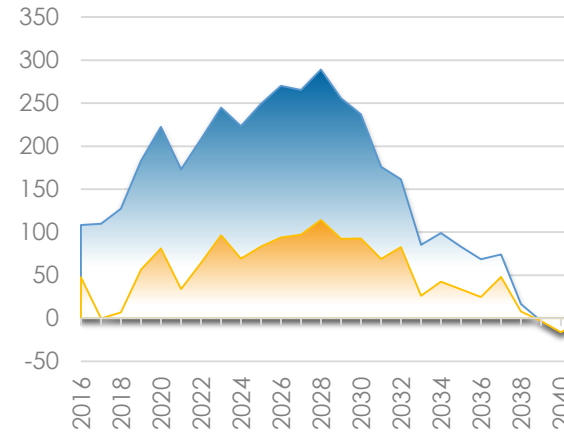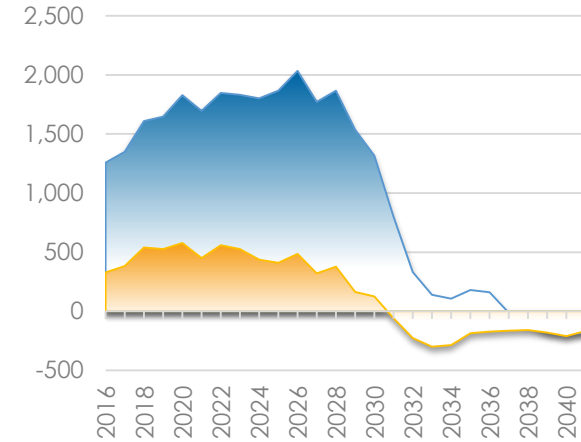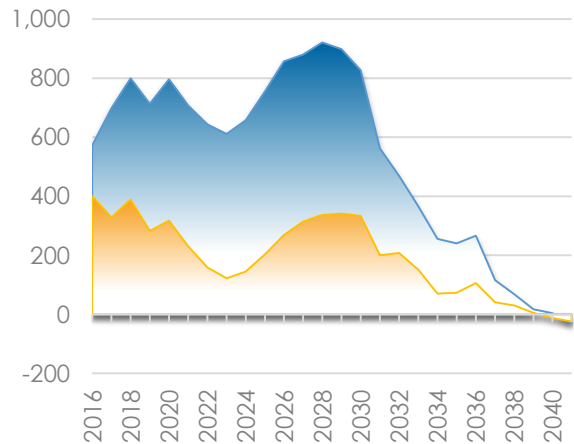■ Annual Net Migration, Target 2
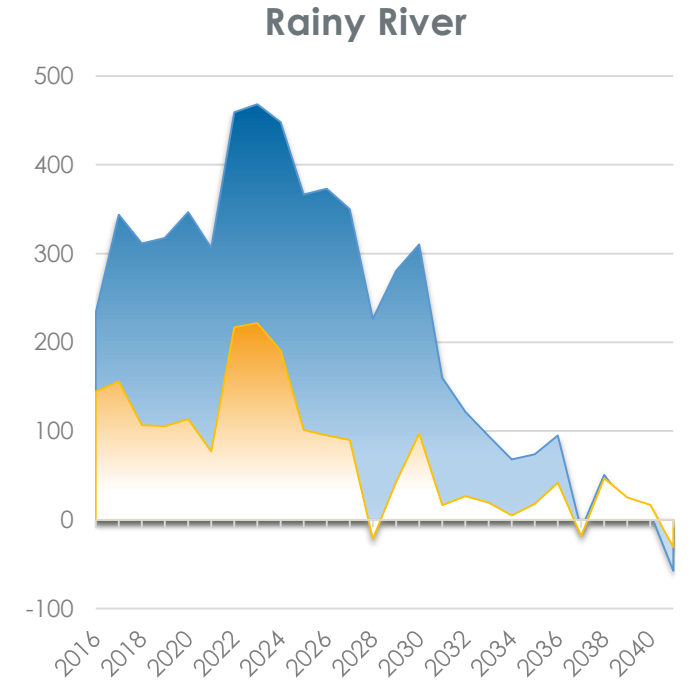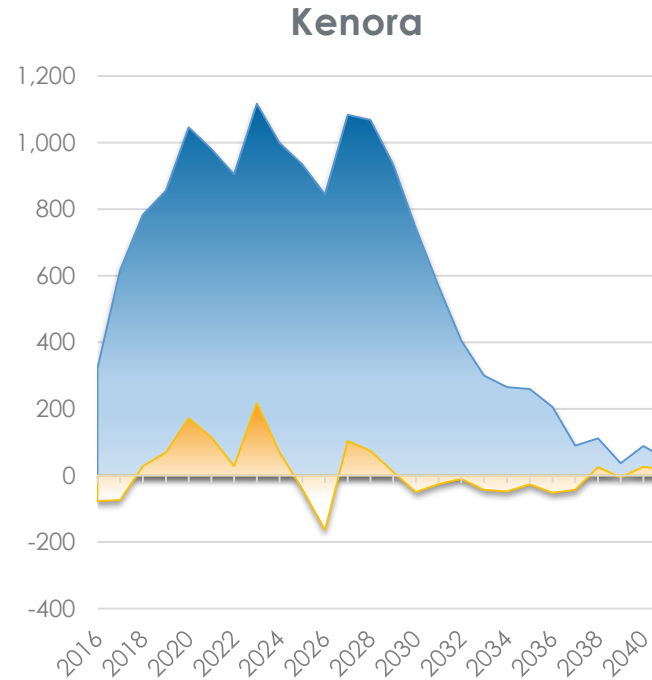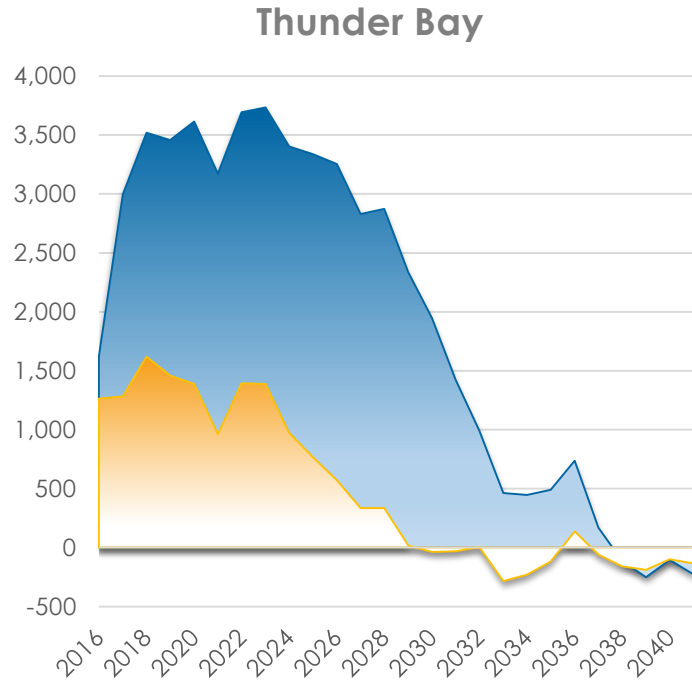
Thunder Bay

Kenora

Rainy River

Employment Rate by district

Employment Rate (%), Northern Ontario Census Divisions,
2-year averages, 2006/07 to 2013/14
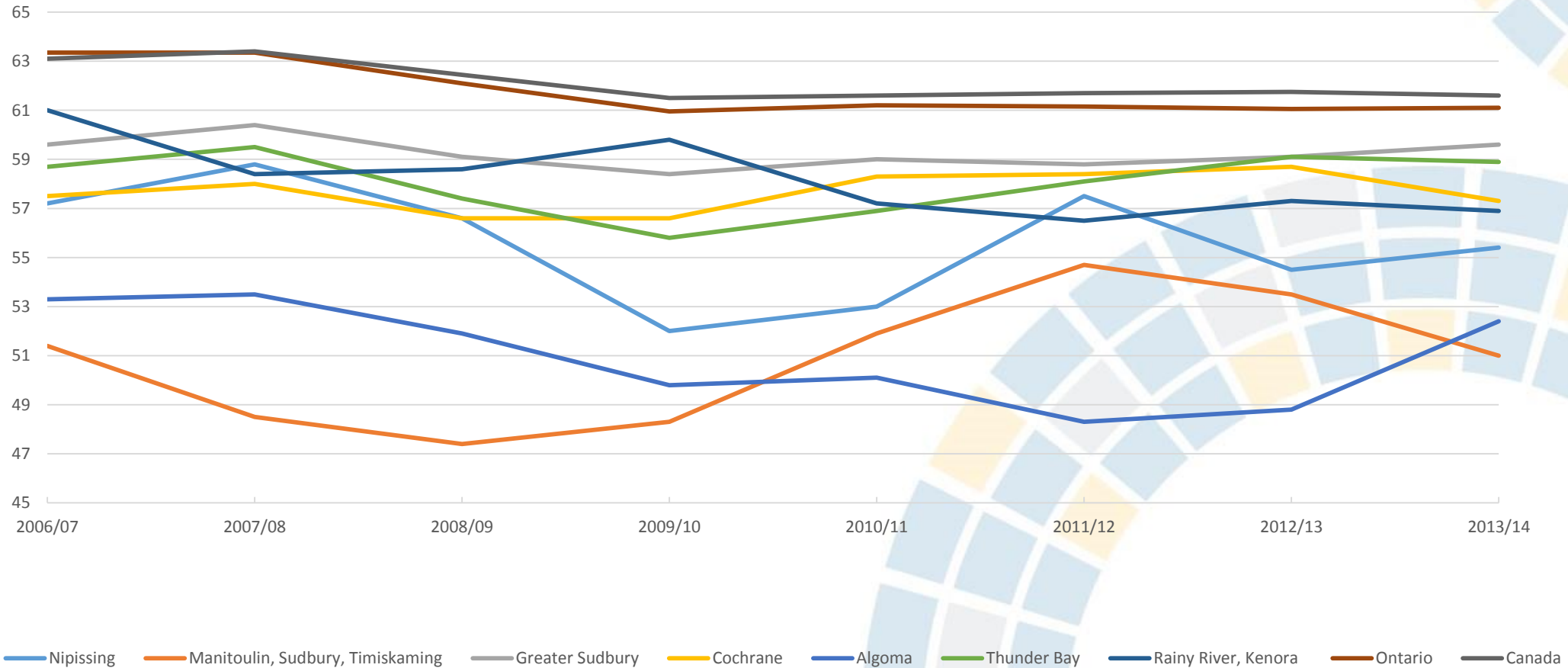
Source: Statistics Canada, CANSIM Table 282-0002 and custom tabulation. Note: District-level data is only available as 2-year averages. As such, annual Labour Force Survey data for Ontario and Canada was manipulated into 2-year averages in order to compare with district-level data.

Unemployment Rate by district

Unemployment Rate (%), Northern Ontario Census Divisions,
2-year averages, 2006/07 to 2013/14
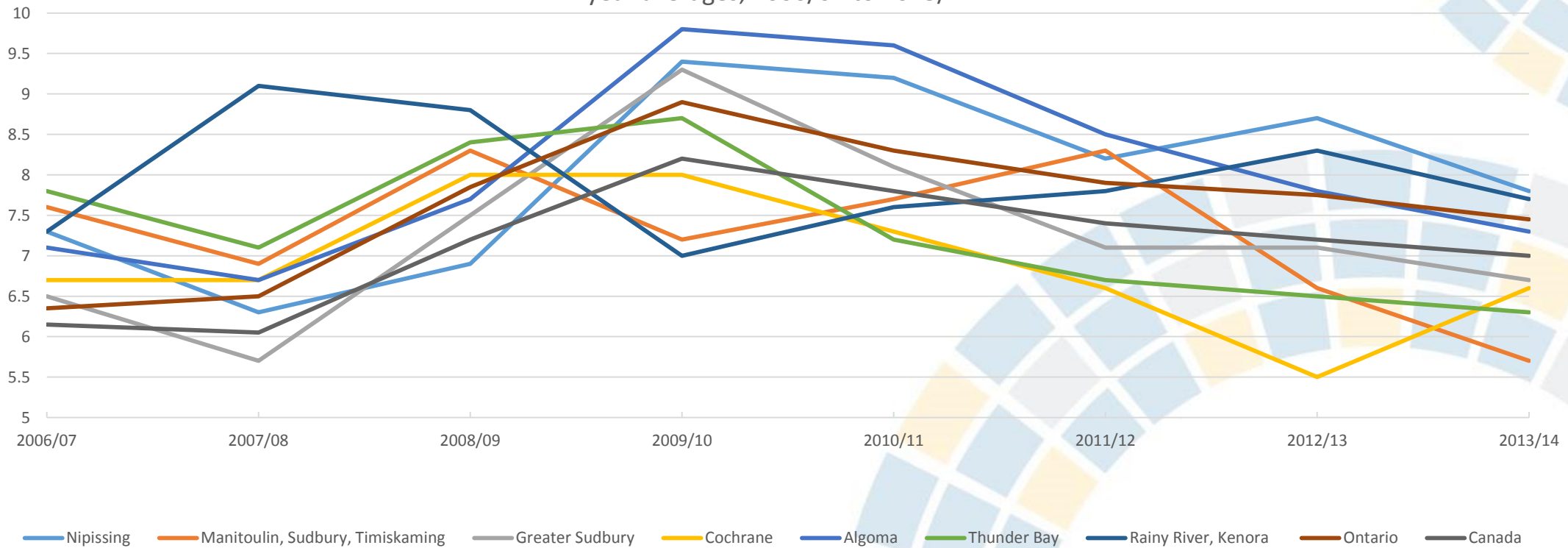
Legend: Nipissing, Manitoulin, Sudbury, Timiskaming, Greater Sudbury, Cochrane, Algoma, Thunder Bay, Rainy River, Kenora, Ontario, Canada

Source: Statistics Canada, CANSIM Table 282-0002 and custom tabulation. Note: District-level data is only available as 2-year averages. As such, annual Labour Force Survey data for Ontario and Canada was manipulated into 2-year averages in order to compare with district-level data.

Participation Rate by district

Participation Rate (%), Northern Ontario Census Divisions,
2-year averages, 2006/07 to 2013/14

Legend: Nipissing — Manitoulin, Sudbury, Timiskaming — Greater Sudbury — Cochrane — Algoma — Thunder Bay — Rainy River, Kenora — Ontario — Canada

Source: Statistics Canada, CANSIM Table 282-0002 and custom tabulation. Note: District-level data is only available as 2-year averages. As such, annual Labour Force Survey data for Ontario and Canada was manipulated into 2-year averages in order to compare with district-level data.

Youth Employment Rate

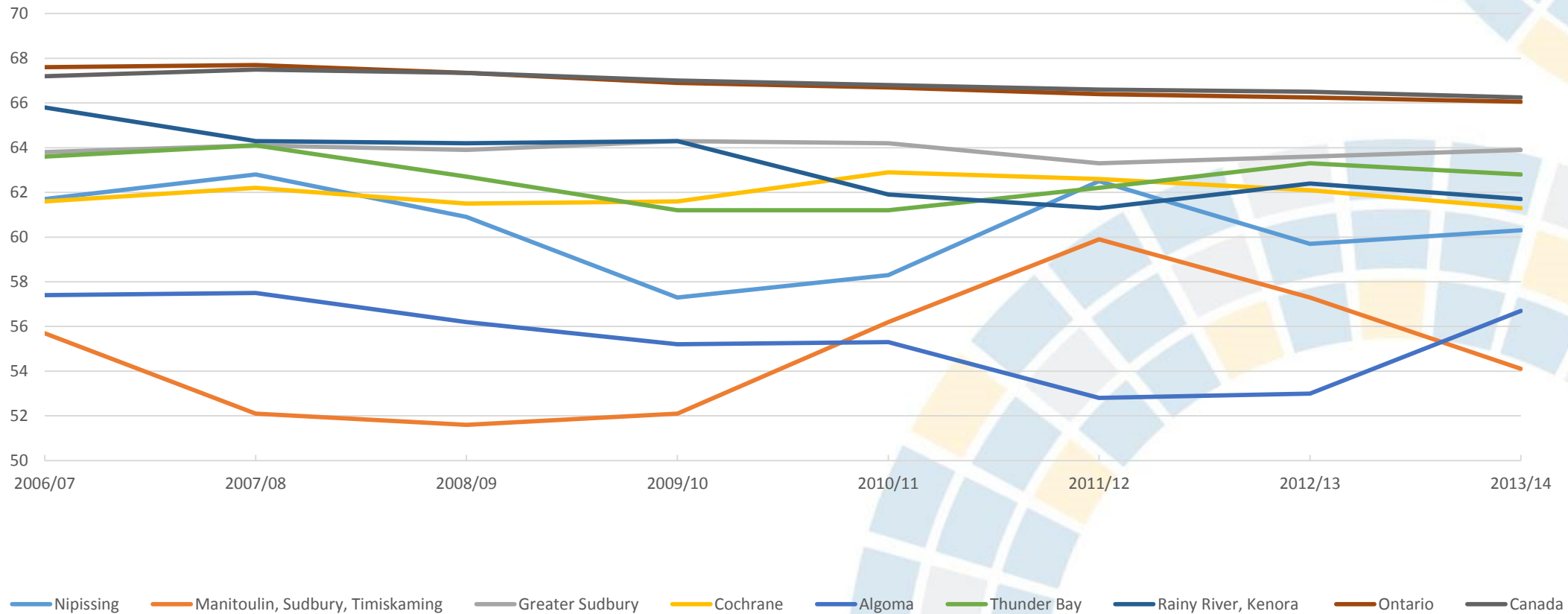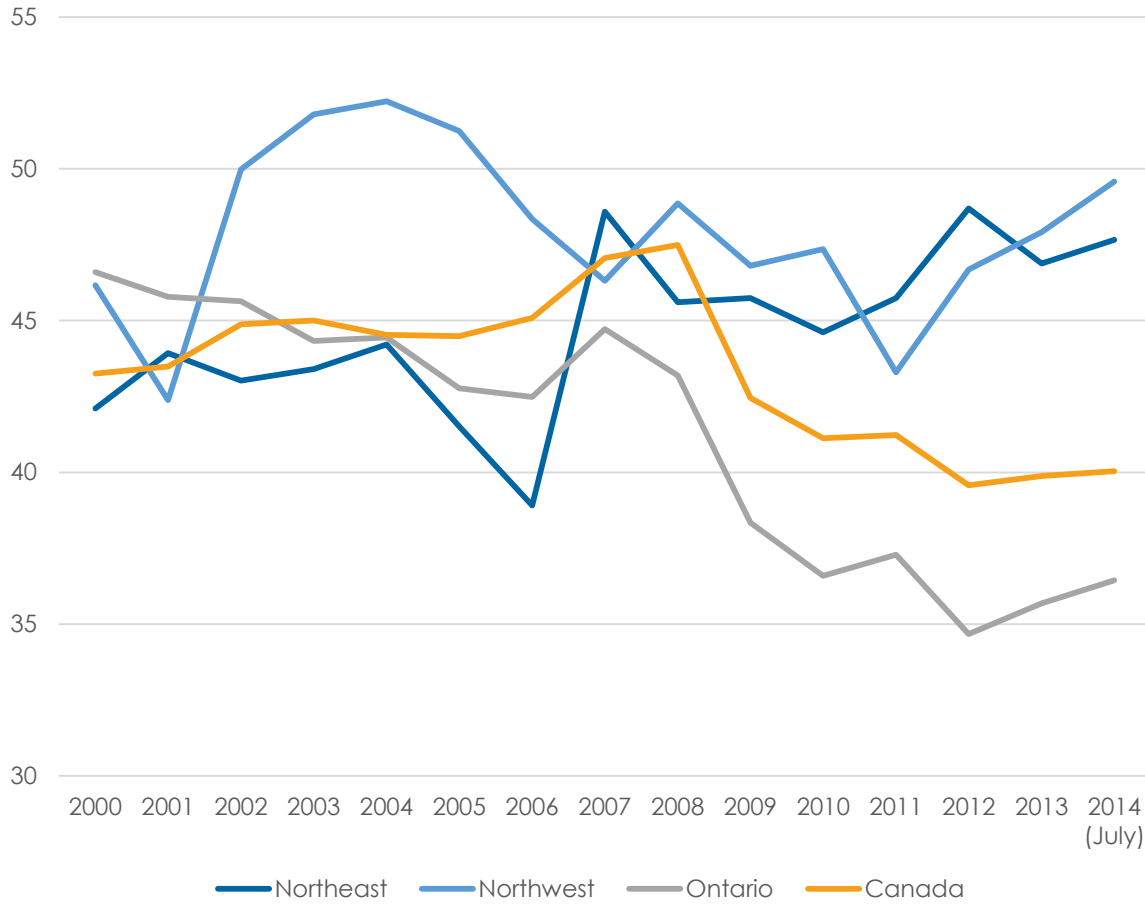## Youth Employment Rate (15 to 19 years)

Youth Employment Rate (20 to 24 years)

Legend: Northeast, Northwest, Ontario, Canada
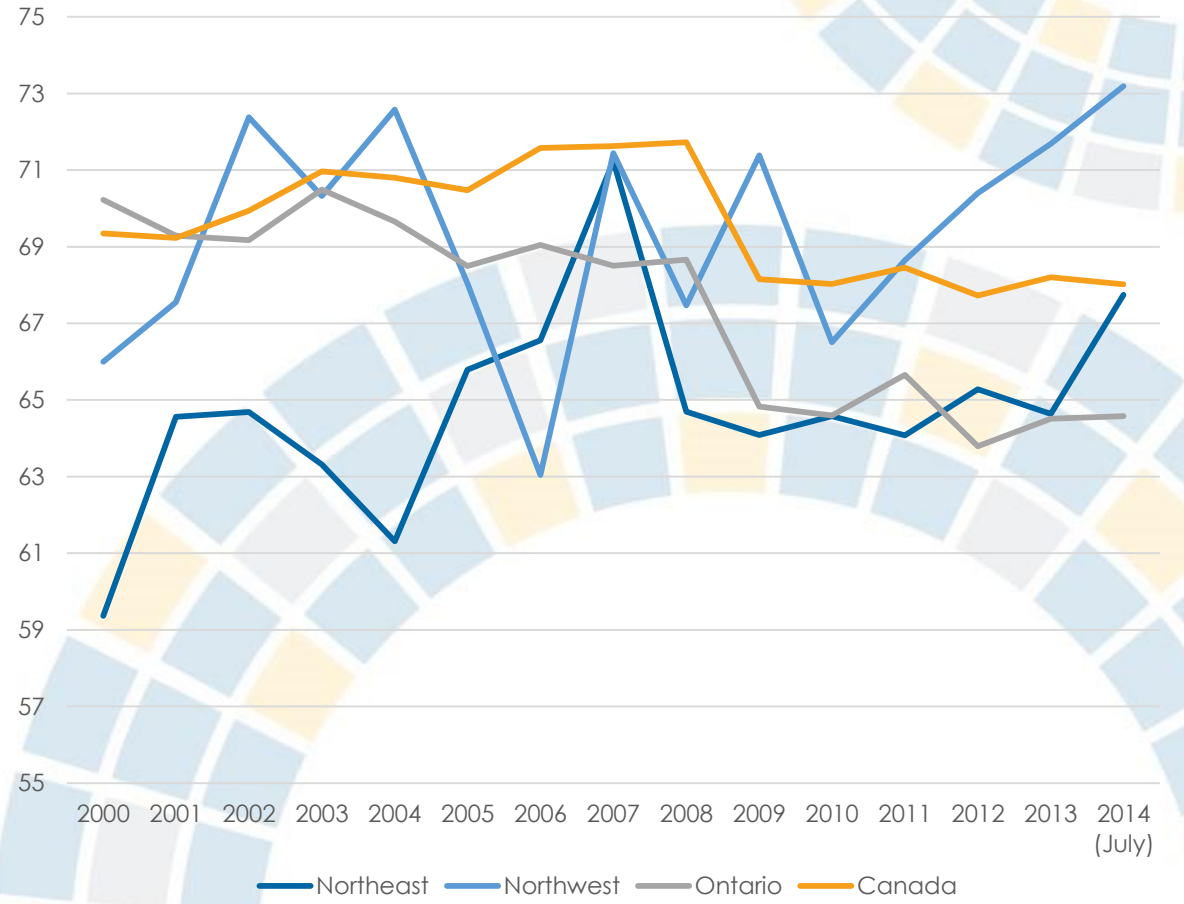
Youth Unemployment Rate

Youth Unemployment Rate (15 to 19 years)
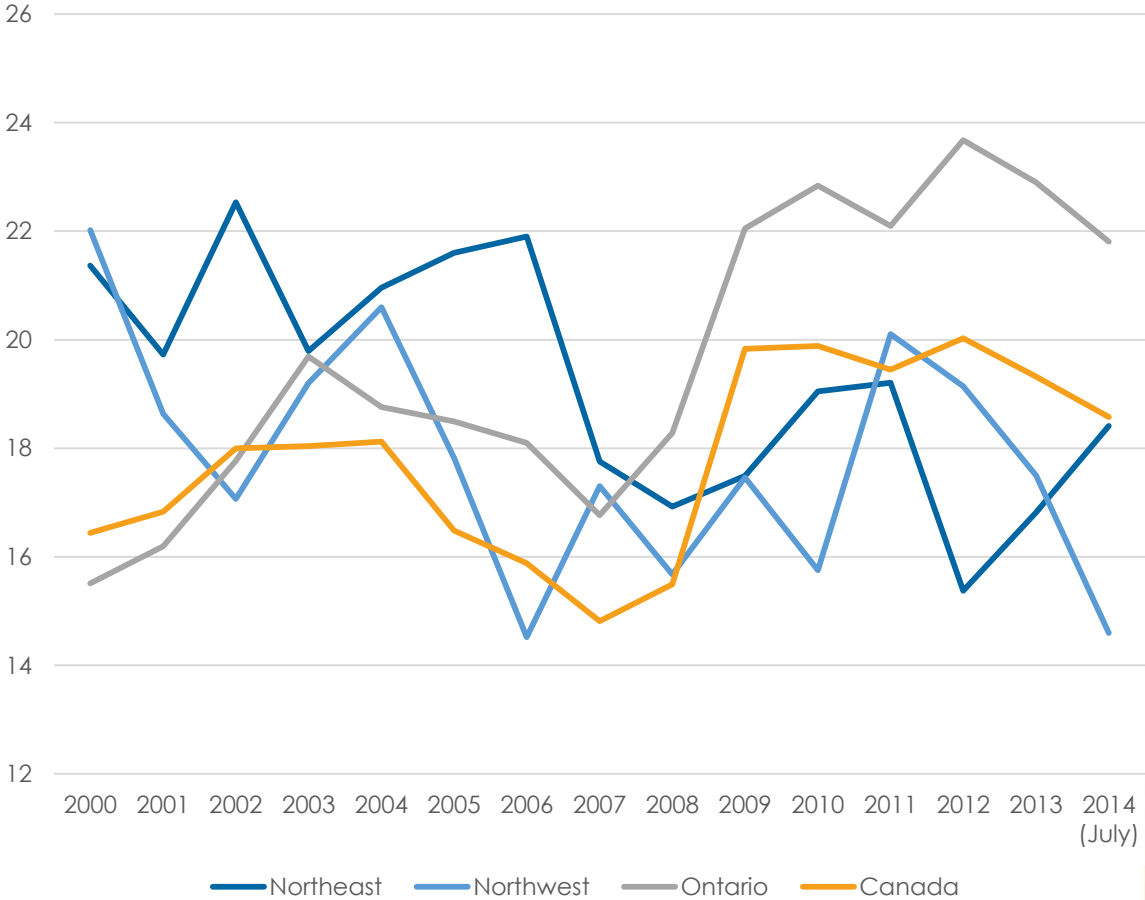
Youth Unemployment Rate (20 to 24 years)

Legend: Northeast — Northwest — Ontario — Canada

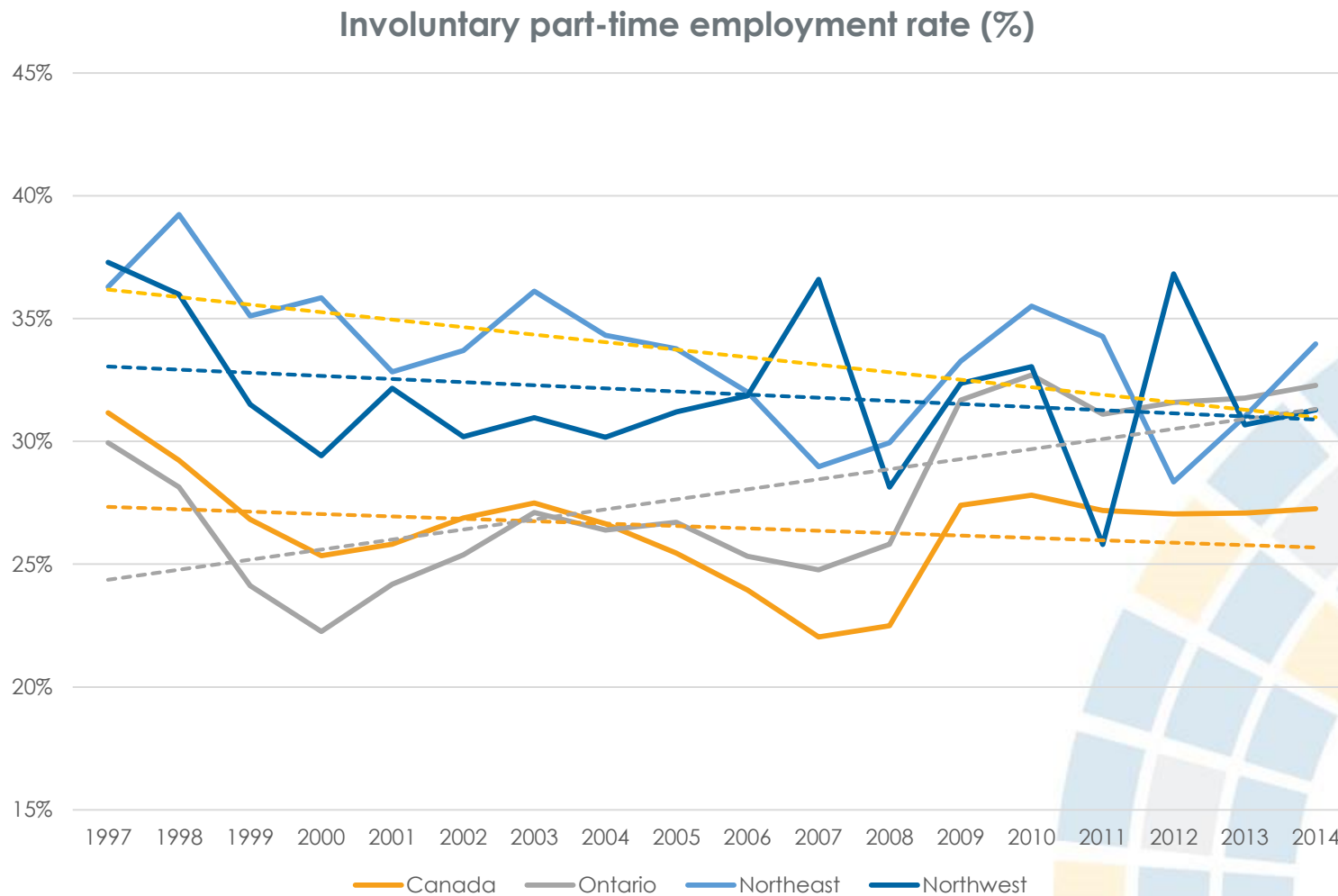# Youth Participation Rate
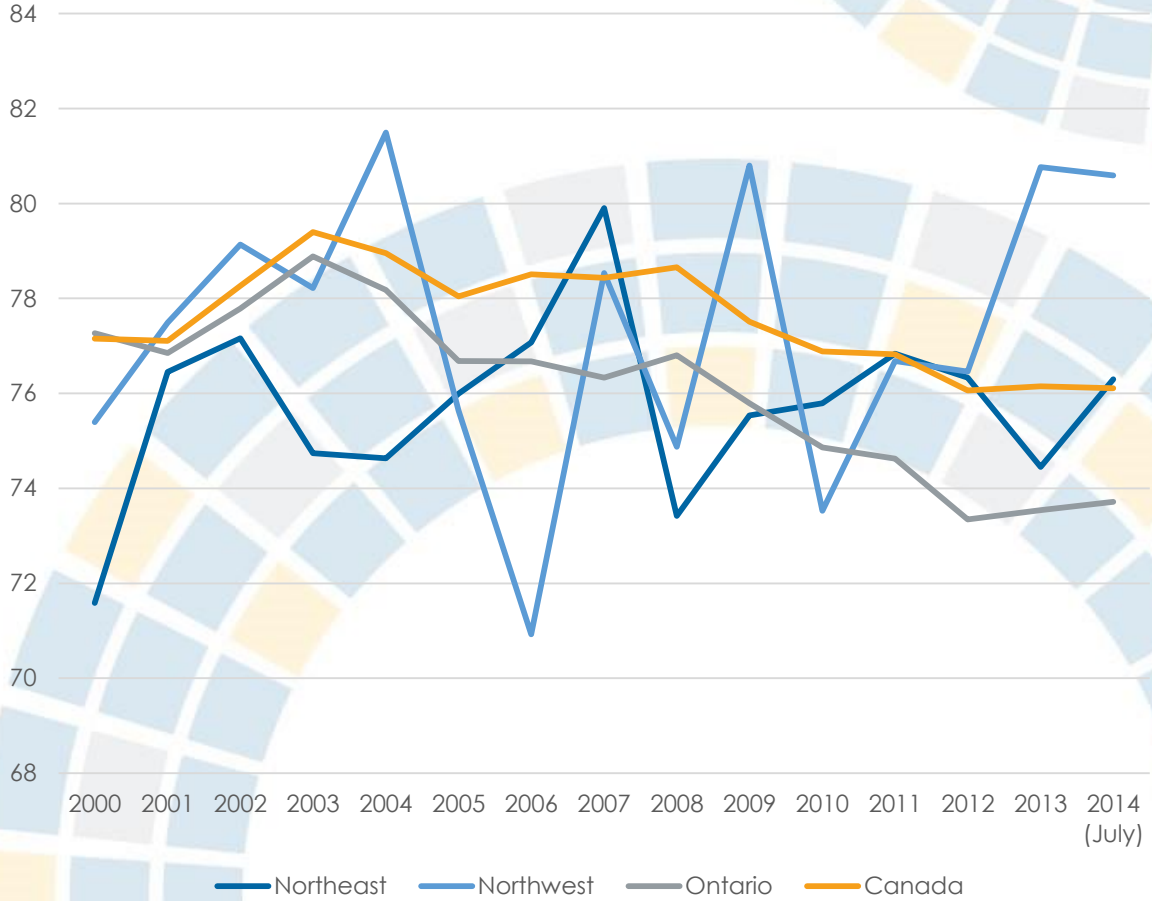
Source: Author's calculations based on Statistics Canada, custom tabulation.

Involuntary part-time employment

Involuntary part-time employment rate (%)


Involuntary part-time employment rate is the percent of part-time jobs that are being filled by individuals who would prefer to be working full-time

Involuntary part-time employment in 2014:

- Canada – 27% (935,700 people)
- Ontario – 32% (431,900 people)
- Northeast – 34% (17,900 people)
- Northwest – 31% (7,100 people)

Also tracking this indicator by age and gender

Temporary Employment

Temporary employment as a share of all employees
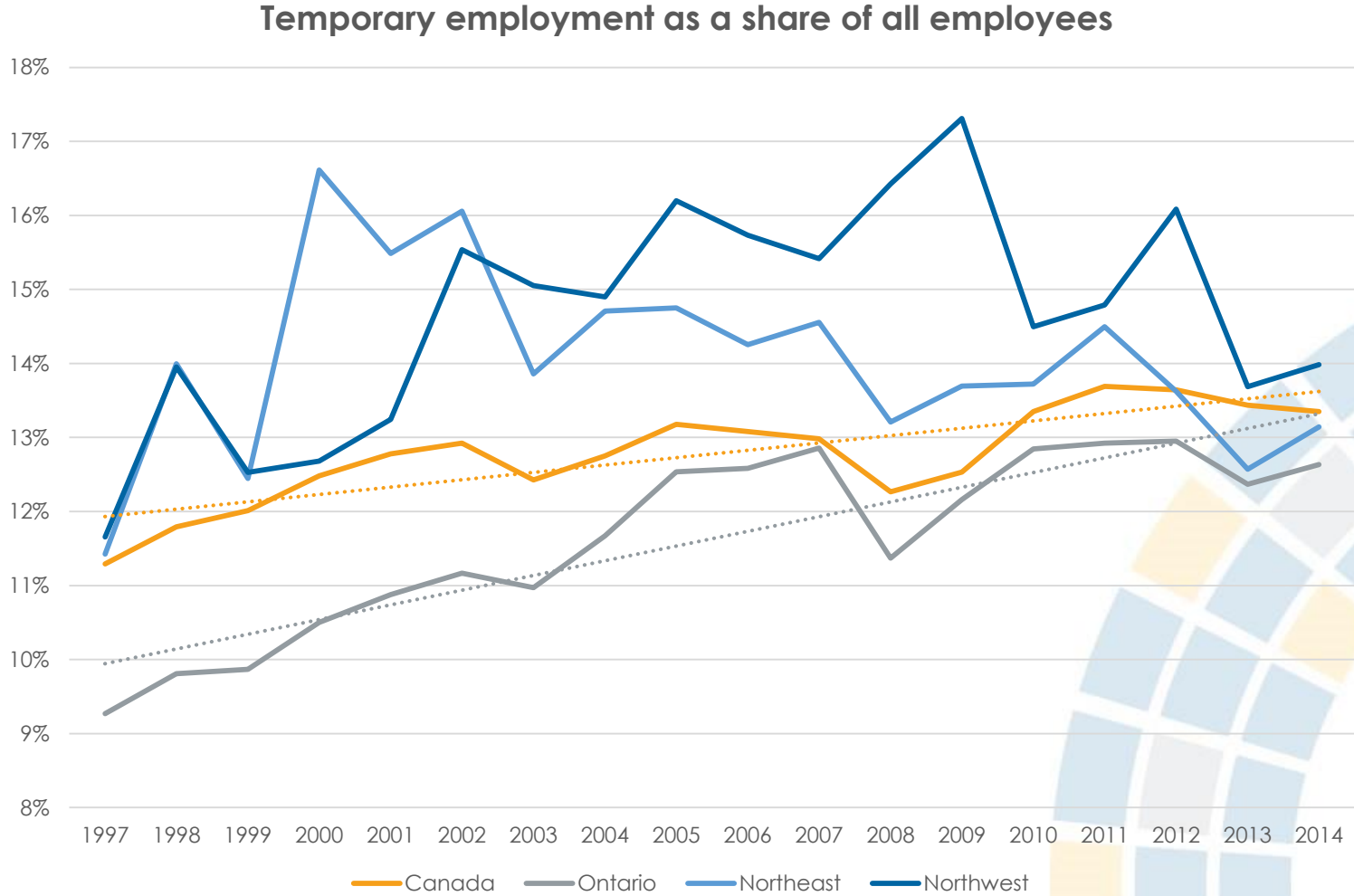
Temporary employment includes seasonal, term or contract, casual and other temporary jobs

Temporary employment is only a small chunk of total employment.
As of 2014:
- Canada – 13.4% (2 million people)
- Ontario – 12.6% (736k people)
- Northeast – 13.1% (30k people)
- Northwest – 14% (13k people)

Also tracking this indicator by age, gender and industry

Thank you. Merci. Miigwetch.

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