

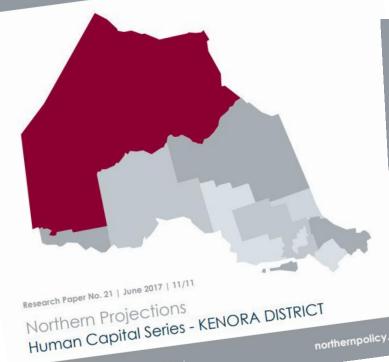






By James Cuddy & Dr. Bakhtiar Moazzami



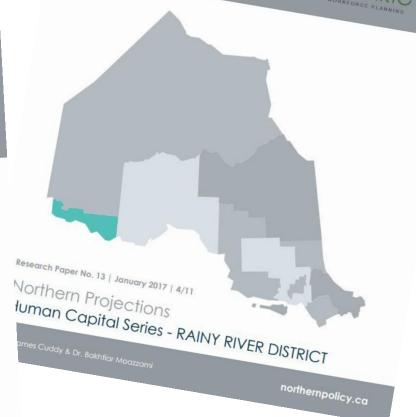




Human Capital Series - THUNDER BAY DISTRICT







Research Paper No. 12 | August 2016 | 3/11
Northern Projections

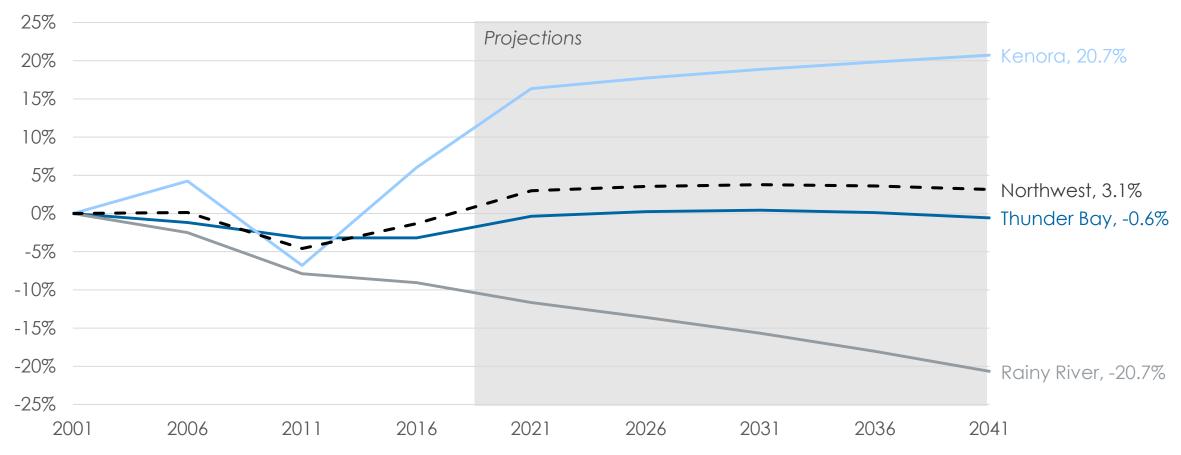
### Agenda

- 1. Demographic Trends: How are Thunder Bay and the Northwest Doing?
- 2. Socio-Economic Consequences: Increasing Demographic Dependence, and Decreasing Productivity
- 3. Immigration and Migration: One of the Solutions
- 4. Not the ONLY solution: Closing the Education Gap

#### Demographic Trends

#### Little Population Growth in the Northwest

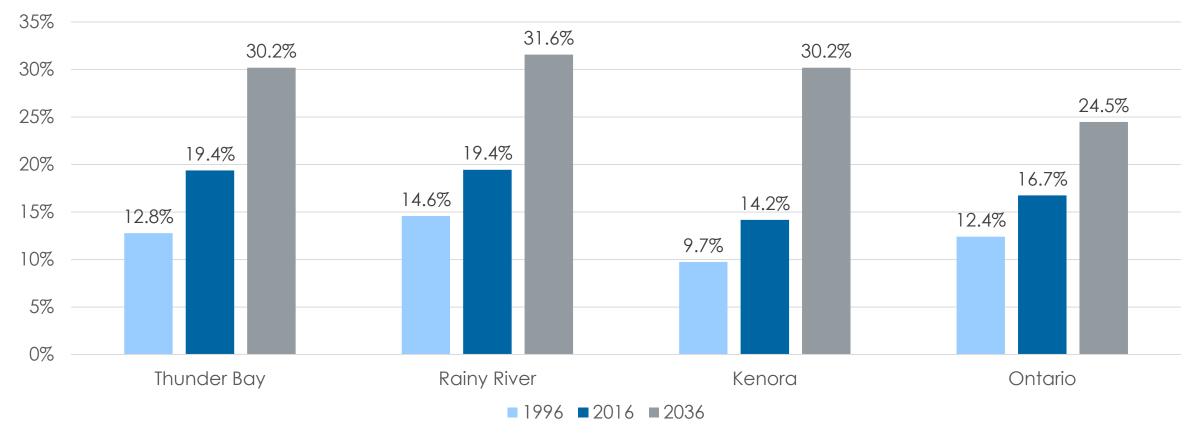
CUMULATIVE POPULATION GROWTH CROISSANCE CUMULÉE DE LA POPULATION



Source: Author's calculations based on Statistics Canada, estimates of population, and on Ontario Ministry of Finance population projections – Spring 2016

# Demographic Trends Population is Aging in the Northwest

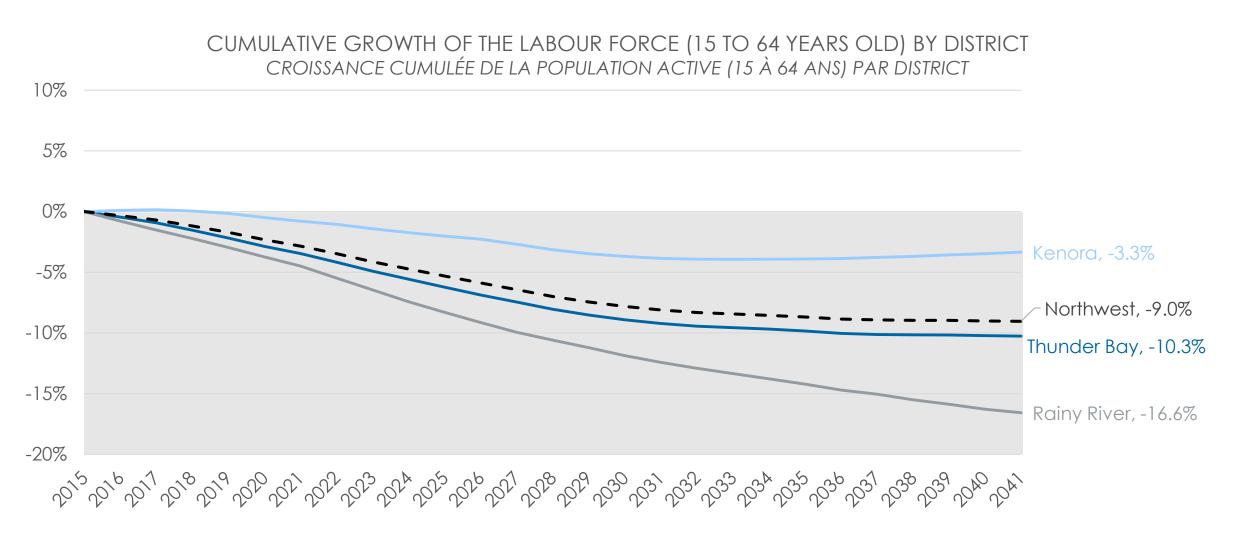
POPULATION 65 YEARS OLD AND OVER AS A PERCENTAGE OF THE TOTAL POPULATION, BY DISTRICT POPULATION ÂGÉE DE 65 ANS ET PLUS EN PROPORTION DE LA POPULATION TOTALE, PAR DISTRICT



Source: Author's calculations based on Statistics Canada, Census, Various Years and Ontario Ministry of Finance population projections – Spring 2016

#### Demographic Trends

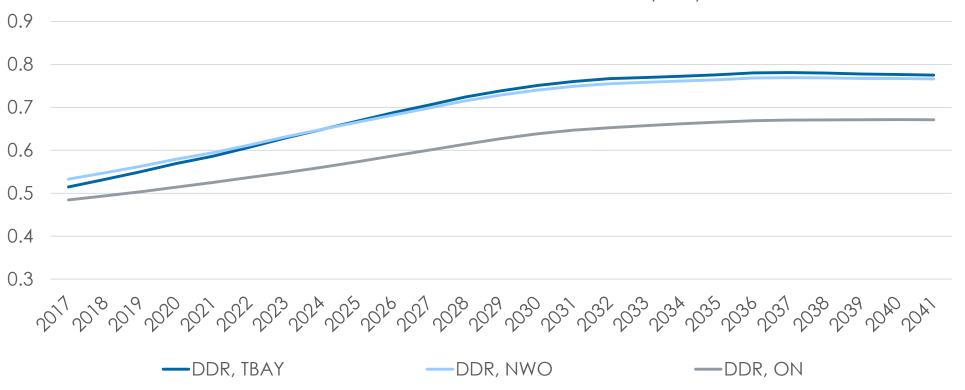
#### Labour Force is Projected to Decrease in the Northwest...



Source: Author's calculations based on Ontario Ministry of Finance population projections – Spring 2016

# Socio-Economic Consequences More and More Dependents

DEMOGRAPHIC DEPENDENCY RATIO (DDR)
RATIO DE DÉPENDANCE DÉMOGRAPHIQUE (RDD)



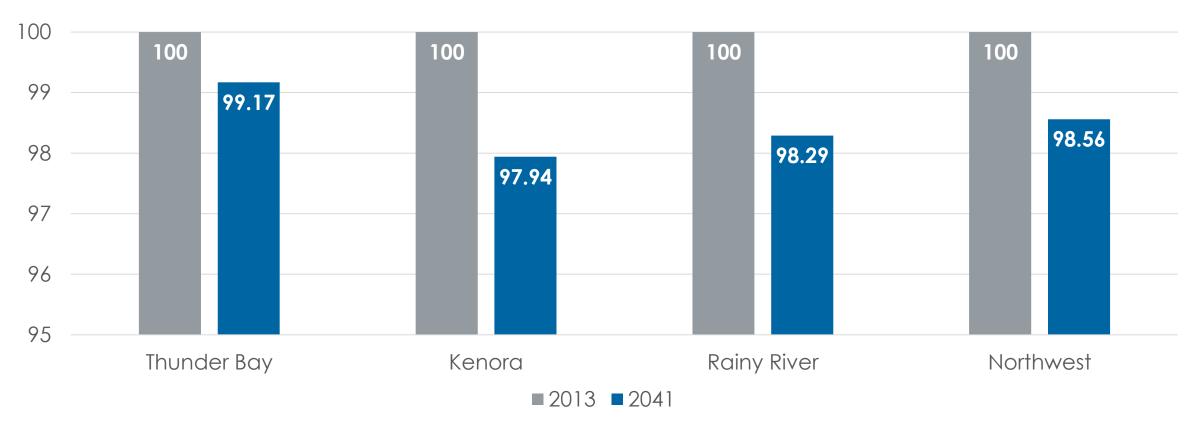
Source: Author's calculations based on Ontario Ministry of Finance population projections – Spring 2016

DDR = 
$$\frac{\text{(Population 0-14 + Population 65+)}}{\text{(Population 15-64)}}$$

### Socio-Economic Consequences

#### Decreasing Productivity

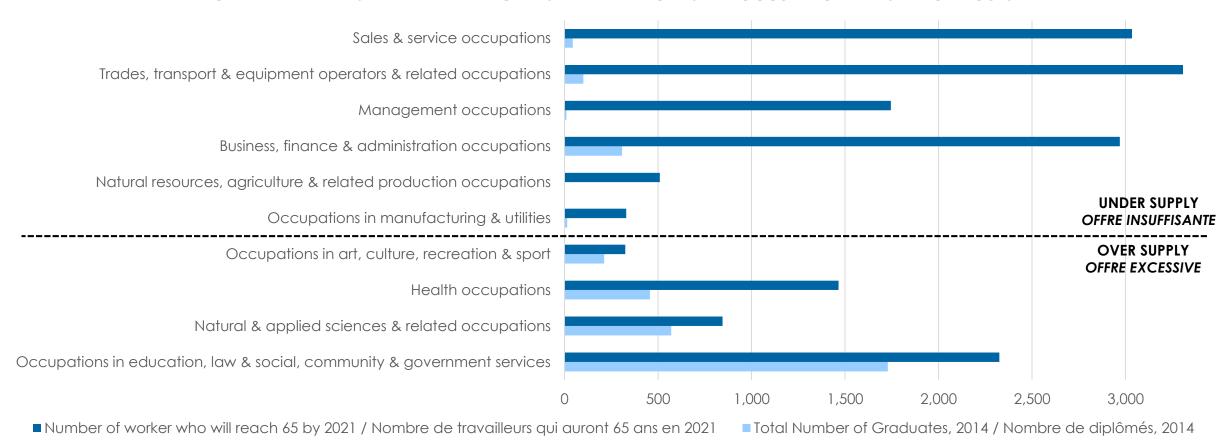
#### PRODUCTIVITY TRENDS TENDANCES DE PRODUCTIVITÉ



Source: Cuddy, J., and Moazzami, B. (2017). Northern Projections: Human Capital series.

#### Socio-Economic Consequences Skills shortage as workers will retire

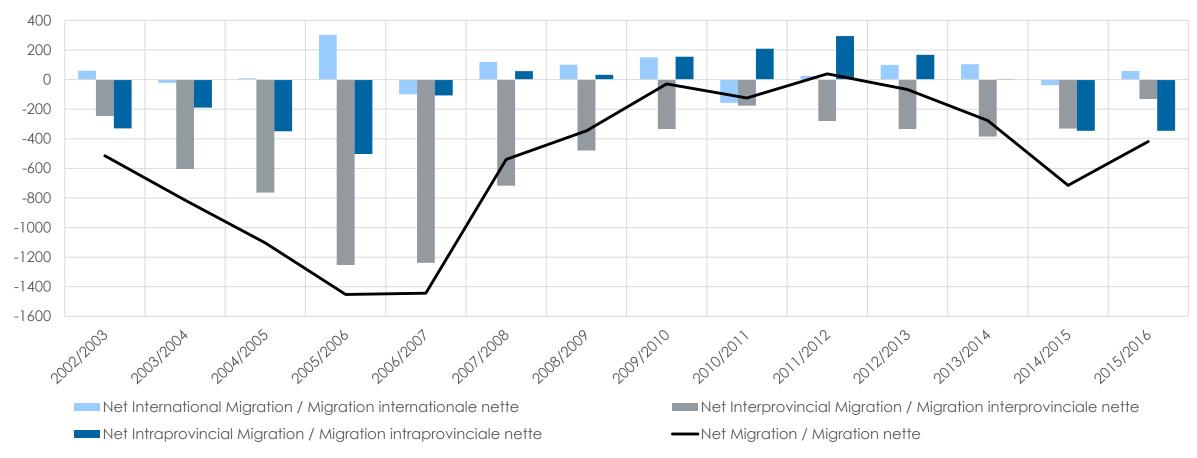
NUMBER OF RETIREMENTS BY 2021 AND GRADUATES BY OCCUPATION IN NORTHWESTERN ONTARIO NOMBRE DE DÉPARTS À LA RETRAITE D'ICI À 2021 ET DE DIPLÔMÉS PAR OCCUPATION DANS LE NORD-OUEST



Sources: Jarrod Sundmark, "Labour Market Alignment: Education in the North" Northern Policy Institute, based on Statistics Canada Job Vacancies and Wages Survey, and CUDO/data provided by Colleges; Statistics Canada, National Household Survey, 2011.

# Immigration and Migration A Source of Population Growth

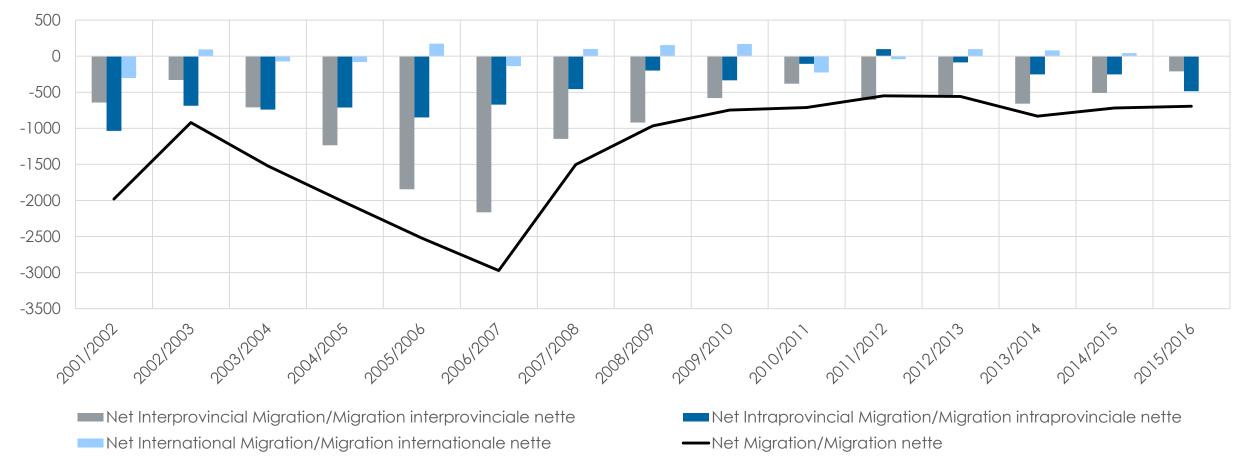
NET MIGRATION AND MIGRATION COMPONENTS - THUNDER BAY DISTRICT MIGRATION NETTE ET COMPOSANTES DE LA MIGRATION - DISTRICT DE THUNDER BAY



Source: author's calculations based on Statistics Canada. Table 051-0063 - Components of population growth by census division, sex and age group for the period from July 1 to June 30, based on the Standard Geographical Classification (SGC) 2011, annual (persons)

# Immigration and Migration A Source of Population Growth

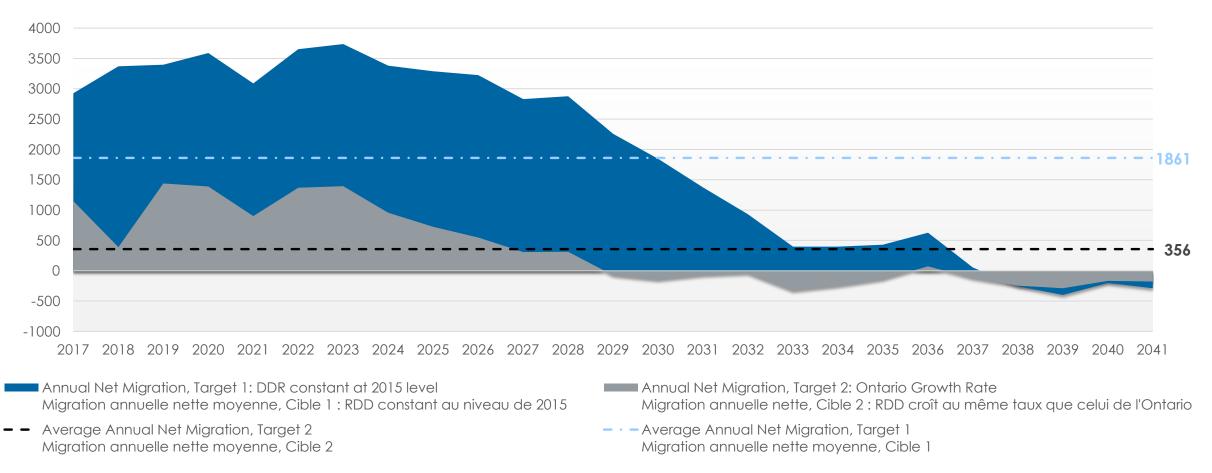
NET MIGRATION AND MIGRATION COMPONENTS - NORTHWESTERN ONTARIO MIGRATION NETTE ET COMPOSANTES DE LA MIGRATION - NORD-OUEST



Source: author's calculations based on Statistics Canada. Table 051-0063 - Components of population growth by census division, sex and age group for the period from July 1 to June 30, based on the Standard Geographical Classification (SGC) 2011, annual (persons)

# Immigration and Migration Between 356 and 1,861 newcomers per year needed

REQUIRED ANNUAL NET MIGRATION - THUNDER BAY DISTRICT MIGRATION ANNUELLE NETTE REQUISE - DISTRICT DE THUNDER BAY

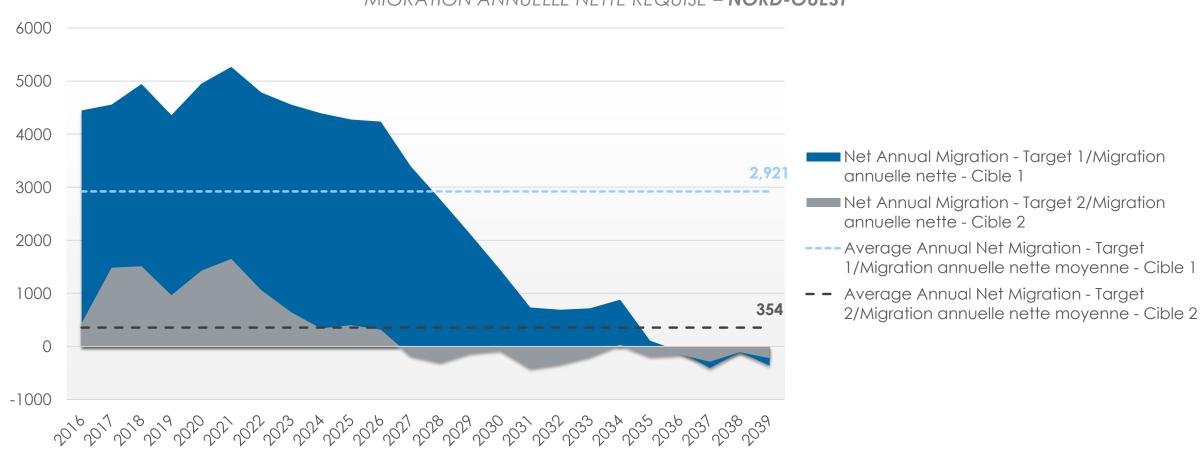


Source: Author's calculations based on Ontario Ministry of Finance population projections – Spring 2016

#### Immigration and Migration

#### Between 354 and 2,921 newcomers per year needed

REQUIRED ANNUAL NET MIGRATION – **NORTHWEST**MIGRATION ANNUELLE NETTE REQUISE – **NORD-OUEST** 

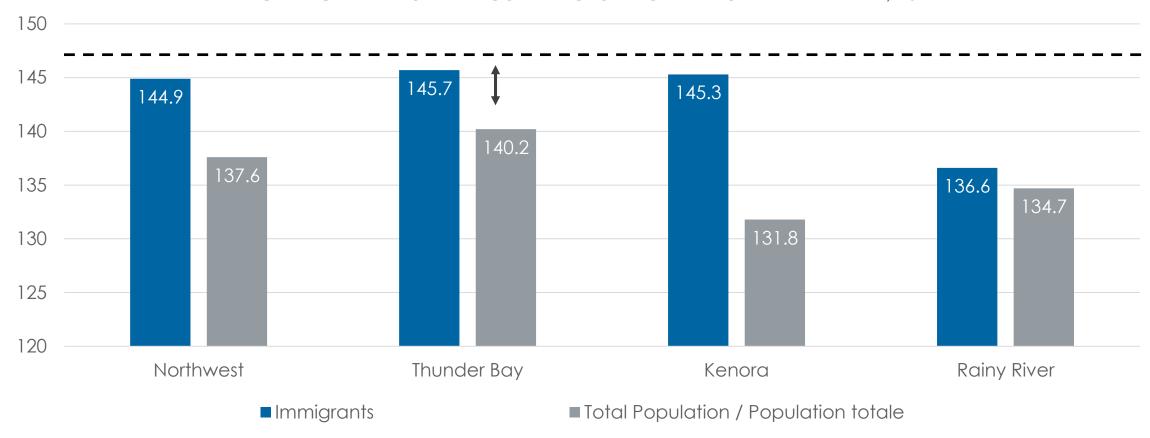


Source: Author's calculations based on Ontario Ministry of Finance population projections – Spring 2016

#### Immigration and Migration

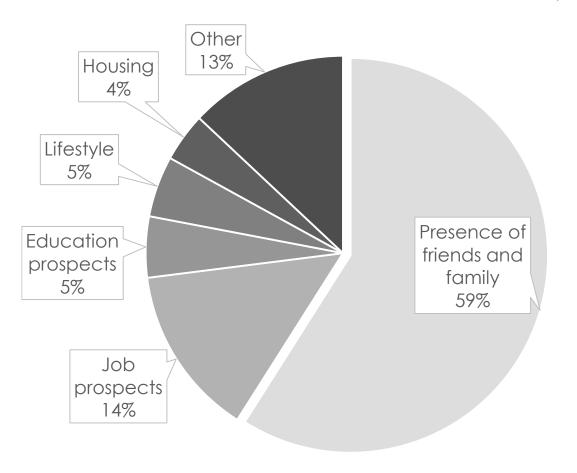
#### A Source of Productivity Growth – Immigrant Education

HUMAN CAPITAL INDEX FOR THE WORKING AGE POPULATION, 2011
INDICE DE CAPITAL HUMAIN POUR LA POPULATION EN ÂGE DE TRAVAILLER, 2011

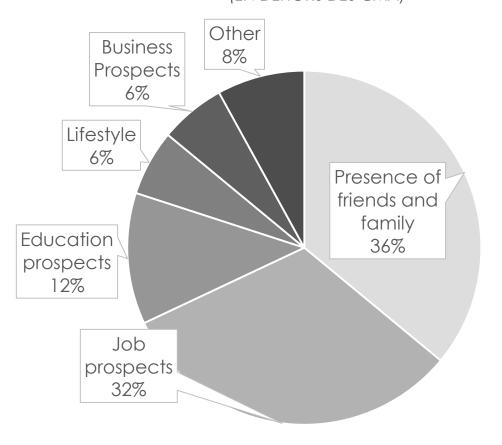


Source: Cuddy, J., and Moazzami, B. (2017). Northern Projections: Human Capital series.

PRIMARY REASON FOR CHOOSING DESTINATION (CMA)
RAISON PRINCIPALE DERRIÈRE LE CHOIX DE LA DESTINATION (RMR)



## PRIMARY REASON FOR CHOOSING DESTINATION (OUTSIDE TMV) RAISON PRINCIPALE DERRIÈRE LE CHOIX DE LA DESTINATION (EN DEHORS DES CMA)



Source: Longitudinal Survey of Immigrants to Canada, 2001.

**State of the North Conference** – September 27-28, Timmins

#### Speakers Panel on Local Immigration Pilots:

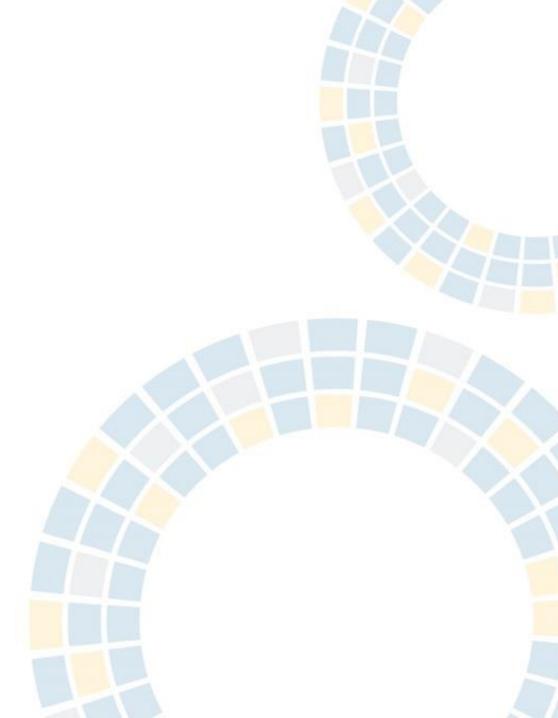
- Suzanne Ley Executive Director Nova Scotia Office of Immigration, Atlantic Immigration Pilot
- Monika Feist Success Skills Centre, Manitoba Nominee Program
- Ronald Labrecque Assemblée Communautaire Fransaskoise, linkage with Mauritius

#### Community Matchmakers – Project Concept

- Our community is good at attracting interest estimate 600 resumes from last marketing trip
- Our community is good at settlement experienced, effective, committed
- There is a GAP between attraction and settlement
- Pre-arrival services
- Help businesses: small, medium and large process and paperwork
- Help businesses: small, medium and large match to a candidate
- Help immigrants: find the job that gets them the points they need
- Help immigrants: process and paperwork

**Tell our story** – CEDC has already started this

- Not just trees and streams
- Affordable housing at all levels
- Competitive wages
- Job vacancies
- Amazing food and entertainment choices
- Short commutes
- Great schools and hospitals
- You CAN get anywhere from here
- Internet and Cell needs some work

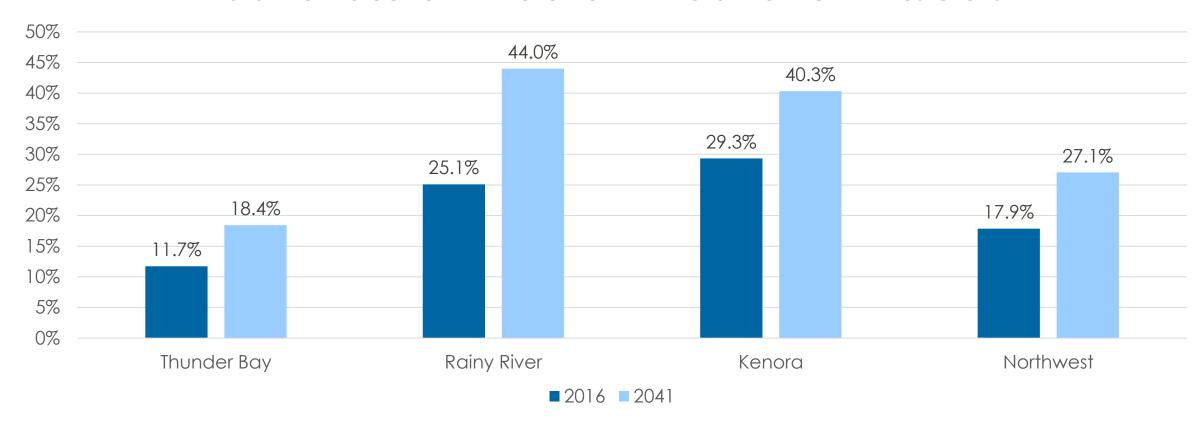


**Be CONSISTENT** – Work Together

- Three goals no more ONE would be better
- Everyone buy in
- Everyone send the same message
- NOT distracted by "flavour of the month fad"
- NOT put off if growth happens first somewhere else
- It is going to take TIME, MONEY and EFFORT

#### NOT an Either/Or Choice Labour Force Increasingly Composed of Indigenous People

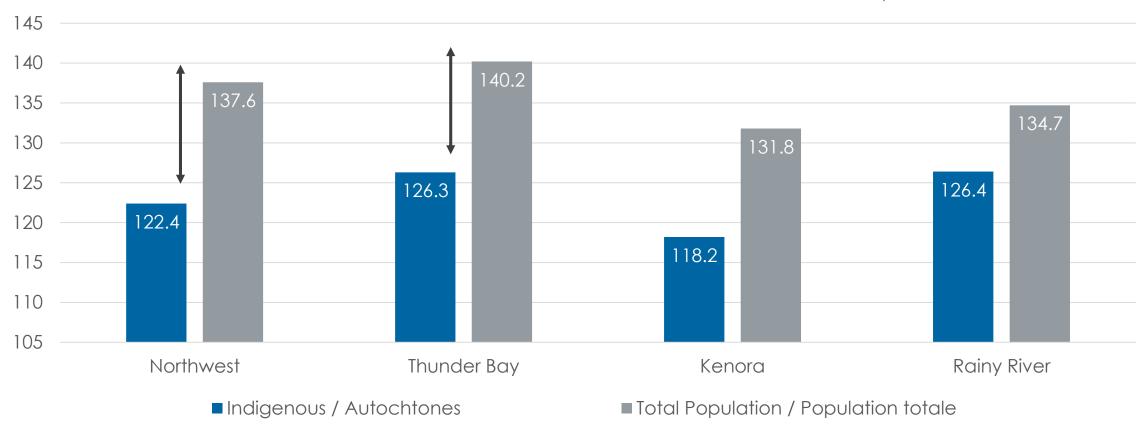
INDIGENOUS SHARE OF THE TOTAL LABOUR FORCE — PROJECTIONS POPULATION AUTOCHTONE EN PROPORTION DE LA POPULATION ACTIVE - PROJECTIONS



Source: Cuddy, J., and Moazzami, B. (2017). Northern Projections: Human Capital series.

# NOT an Either/Or Choice We must ALSO close the education gap

HUMAN CAPITAL INDEX FOR THE WORKING AGE POPULATION, 2011 INDICE DE CAPITAL HUMAIN POUR LA POPULATION EN ÂGE DE TRAVAILLER, 2011



Source: Cuddy, J., and Moazzami, B. (2017). Northern Projections: Human Capital series.

#### Conclusion

- The Northwest's labour force is aging and declining.
- That decline impacts the future economic sustainability and productivity of our communities.
- In the short-medium term migration could help mitigate this trend.
- In the medium-long term, investing in Indigenous education could help close the skills gap.
- We MUST do BOTH.
- Success depends on WORKING TOGETHER surprise?!

Thank you. Merci. Miigwetch.

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