



Community Labour Market Report

By Amandine Martel & José-Karl Noiseux



NESKANTAGA FIRST NATION

The *Community Labour Market Report* series provides local labour market indicators to assist community leaders and organizations in the decision-making process. The goal of this report is to provide community actors with a better understanding of what is happening in their community. It does not attempt to explain the reasons behind the trends, spikes or troughs in the provided data. This information is intended as a starting point for an evidence-based conversation by the community about why certain changes are occurring. This report is a first step. It is now up to you, the reader, and your fellow community members to explore and address the challenges and opportunities your community is experiencing. This report examines current labour demand and supply data from Neskantaga First Nation¹ in Kenora District, Ontario, and analyzes how each data set aligns with the other.

DEMAND

01. Employers

Central to local labour market planning is an understanding of the characteristics of area employers, such as their numbers, size, and the industries they represent. Changes in any of these factors over time affect employment levels and opportunities within a local labour market.

Unfortunately, there were no available data on employers in Neskantaga First Nation.

02. Employment by Industry

Employment by industry data² describe the type of business conducted by a person's employer. The industrial structure of an area—and, more specifically, shifts in industrial structure—can have significant consequences for the local labour market, such as the types of jobs available, their respective salaries, and the type of education and skills these jobs require.

¹ The community was formerly known as Lansdowne House Indian Band.

² Data from Statistics Canada, such as the census and the National Household Survey (NHS), are used throughout this report. This data source has limitations. To ensure confidentiality of individual respondent identity and characteristics, Statistics Canada National Household Survey (NHS) data are subject to non-disclosure rules. All estimates in NHS tabulations are subjected to a process called random rounding, which transforms all raw estimates to random rounded estimates. This reduces the possibility of identifying individuals within the tabulations. All estimates greater than 10 are rounded to base 5. Estimates less than 10 are rounded to base 10. The total value of summed or grouped data may not match the individual values. Similarly, percentages, which Statistics Canada calculates on rounded data, may not necessarily add up to 100 percent. Statistics Canada adjusts figures retroactively. Author's calculations are based on data available at the time of publication and are therefore subject to change.

The 2011 National Household Survey contained no data regarding employment by industry for Neskantaga First Nation. However, new data may become available with the release of findings from the 2016 census on November 29, 2017, and that could supplement what is available in this report.

TABLE 1

EMPLOYMENT BY INDUSTRY, AND AS A PERCENTAGE OF TOTAL, 2011		Neskantaga First Nation (#)	Neskantaga First Nation (% of Total)	Kenora District (% of Total)	Ontario (% of Total)
11	Agriculture, forestry, fishing & hunting	N/A	N/A	2.0	1.5
21	Mining & oil & gas extraction	N/A	N/A	4.5	0.4
22	Utilities	N/A	N/A	1.2	0.9
23	Construction	N/A	N/A	8.2	6.1
31-33	Manufacturing	N/A	N/A	3.8	10.4
41	Wholesale trade	N/A	N/A	1.5	4.6
44-45	Retail trade	N/A	N/A	11.4	11.1
48-49	Transportation & warehousing	N/A	N/A	5.5	4.7
51	Information & cultural industries	N/A	N/A	1.5	2.7
52	Finance & insurance	N/A	N/A	2.0	5.6
53	Real estate & rental & leasing	N/A	N/A	0.7	2.0
54	Professional, scientific & technical services	N/A	N/A	2.1	7.7
55	Management of companies & enterprises	N/A	N/A	0.0	0.1
56	Administrative & support, waste management & remediation services	N/A	N/A	1.9	4.4
61	Educational services	N/A	N/A	8.3	7.5
62	Health care & social assistance	N/A	N/A	17.2	10.6
71	Arts, entertainment & recreation	N/A	N/A	1.3	2.0
72	Accommodation & food services	N/A	N/A	7.7	6.0
81	Other services (except public administration)	N/A	N/A	4.2	4.4
91	Public administration	N/A	N/A	15.0	7.0
	All Industries	N/A	-	-	-

Sources: Statistics Canada, National Household Survey, 2011; author's calculations based on Statistics Canada, National Household Survey, 2011

TABLE 2

EMPLOYMENT BY INDUSTRY IN NORTHWESTERN ONTARIO OUTSIDE OF THUNDER BAY CMA AND ONTARIO	Northwestern Ontario Outside of Thunder Bay CMA				Ontario
	2012	2014	2016	2014-2016 Change (%)	2014-2016 Change (%)
Employment by Industry					
Goods-producing Sector	9,400	6,900	10,000	44.9	2.6
Agriculture	X	X	X	X	-5.0
Forestry, fishing, mining, oil & gas	2,300	<1,500	2,400	<60.0	7.8
Utilities	X	X	X	X	-3.1
Construction	2,600	3,000	3,800	26.7	7.8
Manufacturing	3,300	1,000	2,900	190.0	0.4
Services-producing Sector	30,800	31,400	29,800	-5.1	1.6
Wholesale & retail trade	4,600	6,800	5,600	-17.6	-1.3
Transportation & warehousing	1,800	2,800	2,000	-28.6	-0.5
Finance, insurance, real estate & leasing	800	900	1,300	44.4	8.4
Professional, scientific & technical services	800	1,100	900	-18.2	6.2
Business, building & other support services	900	1,300	800	-38.5	-2.6
Educational services	3,200	3,300	3,900	18.2	1.7
Health care & social assistance	8,700	6,700	7,200	7.5	5.0
Information, culture & recreation	1,300	900	700	-22.2	0.5
Accommodation & food services	2,300	2,200	3,300	50.0	1.4
Other services (except public administration)	1,500	2,000	1,600	-20.0	-3.7
Public administration	4,700	3,500	2,400	-31.4	-3.8
Total Employed	40,200	38,300	39,800	3.9	1.8

Sources: Statistics Canada, Labour Force Survey, CANSIM Tables: 282-0125 and 282-0131, author's calculations

An 'X' indicates that the data were suppressed for confidentiality reasons. The Labour Force Survey suppresses data when an estimate is below 1,500 for Ontario, its Economic Regions, or Census Metropolitan Areas (CMA).



03. Employment by Occupation

Employment by occupation data describe the type of work an employee does on the job. While growing industries need additional workers, the demand for specific occupations is a function of the work that needs to be done. Both the changing marketplace and the advance of technology alter the demand for occupations, with some growing strongly and others in decline. These changes have an impact on the types of jobs available, their respective salaries, and the type of education and skills required. Indeed, an increase in entry-level occupations may have a different impact on the community than growth in senior-level occupations.

The 2011 National Household Survey contained no data regarding employment by occupation for Neskantaga First Nation. However, new data may become available with the release of findings from the 2016 census on November 29, 2017, and that could supplement what is available in this report.



TABLE 3

EMPLOYMENT BY OCCUPATION, AND AS A PERCENTAGE OF TOTAL, 2011		Neskantaga First Nation (#)	Neskantaga First Nation (% of Total)	Kenora District (% of Total)	Ontario (% of Total)
0	Management occupations	N/A	N/A	8.3	11.5
1	Business, finance & administration occupations	N/A	N/A	12.3	17.0
2	Natural & applied sciences & related occupations	N/A	N/A	4.9	7.4
3	Health occupations	N/A	N/A	5.8	5.9
4	Occupations in education, law & social, community & government services	N/A	N/A	19.0	12.0
5	Occupations in art, culture, recreation & sport	N/A	N/A	1.6	3.1
6	Sales & service occupations	N/A	N/A	22.8	23.2
7	Trades, transport & equipment operators & related occupations	N/A	N/A	18.3	13.0
8	Natural resources, agriculture & related production occupations	N/A	N/A	4.3	1.6
9	Occupations in manufacturing & utilities	N/A	N/A	2.5	5.2
All occupations		N/A	N/A	-	-

Sources: Statistics Canada, National Household Survey, 2011; author's calculations based on Statistics Canada, National Household Survey, 2011

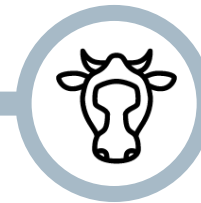


TABLE 4

EMPLOYMENT BY OCCUPATION IN NORTHWESTERN ONTARIO OUTSIDE OF THUNDER BAY CMA AND ONTARIO		Northwestern Ontario Outside of Thunder Bay CMA				Ontario
		2012	2014	2016	2014-2016 Change (%)	2014-2016 Change (%)
0	Management occupations	3,600	3,300	3,800	15.2	-0.3
1	Business, finance & administration occupations	5,600	5,000	3,900	-22.0	0.7
2	Natural & applied sciences & related occupations	1,300	1,400	1,400	0.0	3.5
3	Health occupations	4,000	3,000	3,400	13.3	4.5
4	Occupations in education, law & social, community & government services	7,300	5,900	6,500	10.2	9.5
5	Occupations in art, culture, recreation & sport	X	X	X	X	7.7
6	Sales & service occupations	8,200	9,300	9,700	4.3	-1.7
7	Trades, transport & equipment operators & related occupations	6,600	7,700	7,400	-3.9	1.4
8	Natural resources, agriculture & related production occupations	X	X	X	X	-0.9
9	Occupations in manufacturing & utilities	800	1,000	1,700	70.0	0.8
Total Employed		40,200	38,300	39,800	3.9	1.8

Sources: Statistics Canada, Labour Force Survey, CANSIM Tables: 282-0157 and 282-0159, author's calculations

An 'X' indicates that the data were suppressed for confidentiality reasons. The Labour Force Survey suppresses data when an estimate is below 1,500 for Ontario, its Economic Regions, or Census Metropolitan Areas (CMA).

04. Local Knowledge

This section features a summary of all jobs posted online in Neskantaga First Nation.³ Although this source of data has its limitations, it does provide a general idea of the vacancies and job opportunities in the community at a given time to complement the employment data presented previously.

³ Vicinityjobs.ca gathers and tallies job ads posted on diverse websites, such as jobbank.ca, indeed.ca, and monster.ca. The system then strives to remove duplicates, and to classify job ads into occupational categories

0 jobs posted between April 2016 and March 2017

Source: *Vicinityjobs.ca*

The fact that no jobs were posted online for the community does not mean that there were no job opportunities in Neskantaga First Nation during this time. It may be that the online job boards monitored are not the ones used by area employers, or that opportunities are communicated through different means, such as a physical job board or through word of mouth.

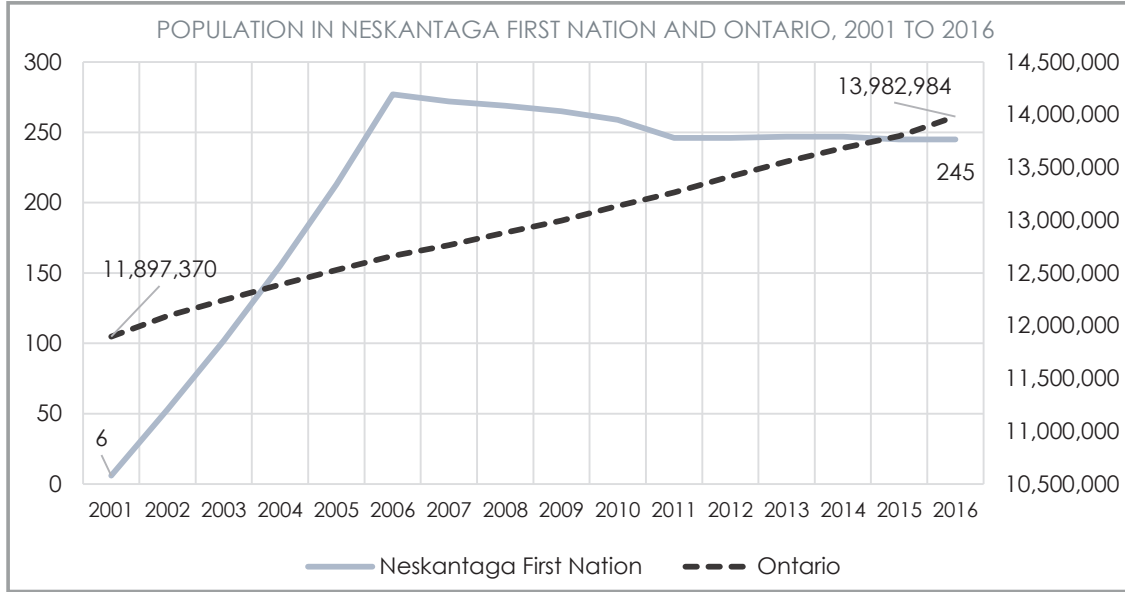
SUPPLY

05. Population & Demographics

Population growth and composition are important drivers of labour market supply—the potential workers. They are also key components of the demand for some categories of workers (e.g., education, health care).

From 2001 to 2016, the population increased by 3,983 percent, which contrasts with a concurrent 17.5 percent increase province-wide (Figure 1). The significant growth of the community's population is the result of an increase from six recorded individuals in 2001 to 277 in 2006. One possible explanation for this change is that the majority of residents did not declare themselves before 2005. However, in the absence of more data, it is not possible to pinpoint the exact reason for this increase. Since 2006, the population has slowly declined, reaching 245 in 2016—an 11.5 percent decrease.

FIGURE 1



Source: Statistics Canada, Estimates of population

237
Total 2016 Population

Source: Statistics Canada, Census 2016

108

Registered population living off-reserve, April 2017

Source: Indigenous and Northern Affairs Canada

The population in Neskantaga First Nation is younger, on average, than that of the Kenora District or the province (Figure 2). Although there is quite a variation in the size of the community's age cohorts, on average, the percentages of residents in the 30+ cohorts are smaller than those of the District or the province and the percentages of residents in the 25 and under cohorts are larger.

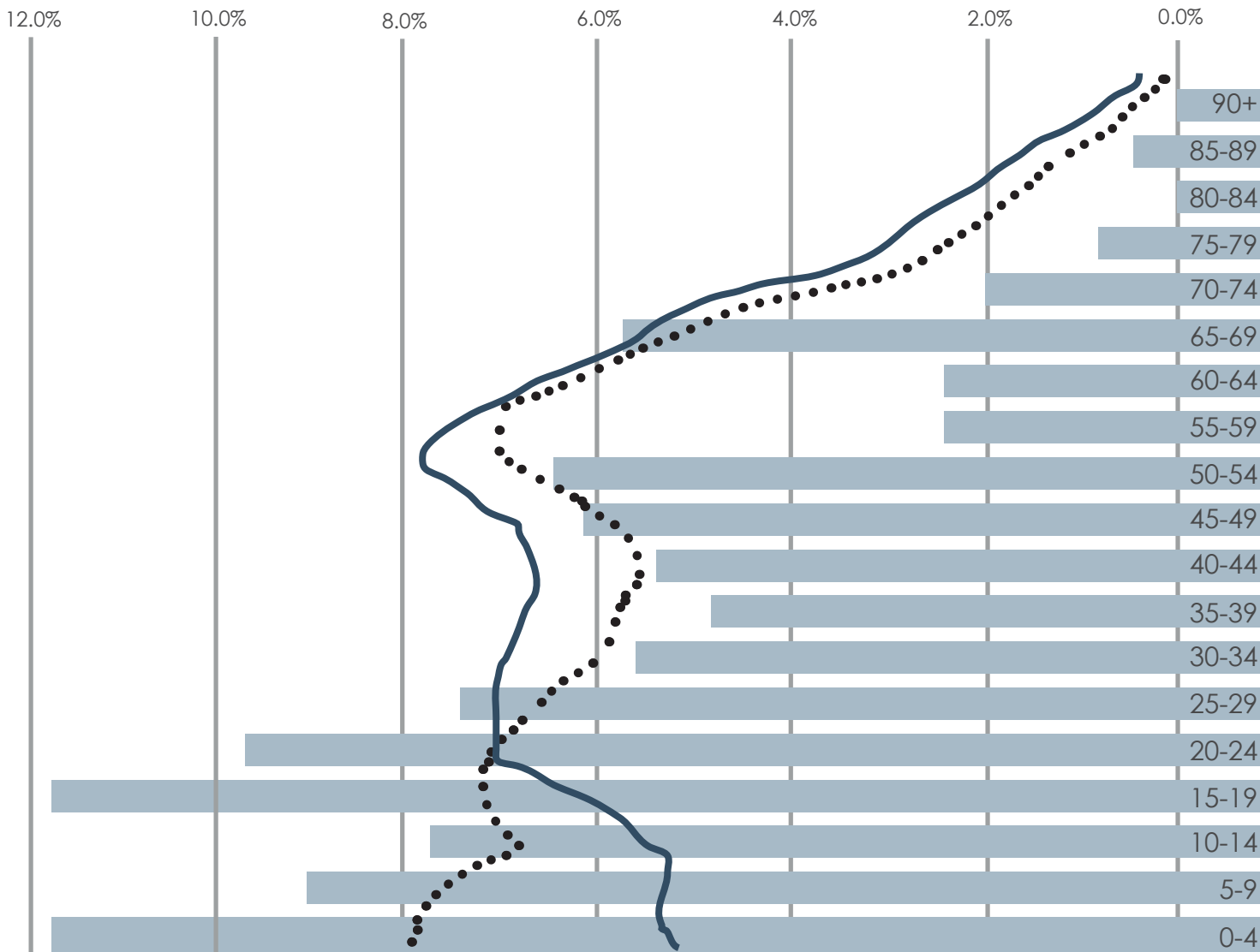


FIGURE 2

DISTRIBUTION OF THE POPULATION BY AGE GROUP IN 2016 FOR NESKANTAGA FIRST NATION, KENORA DISTRICT AND ONTARIO

Source: Author's calculations based on Statistics Canada, Estimates of population

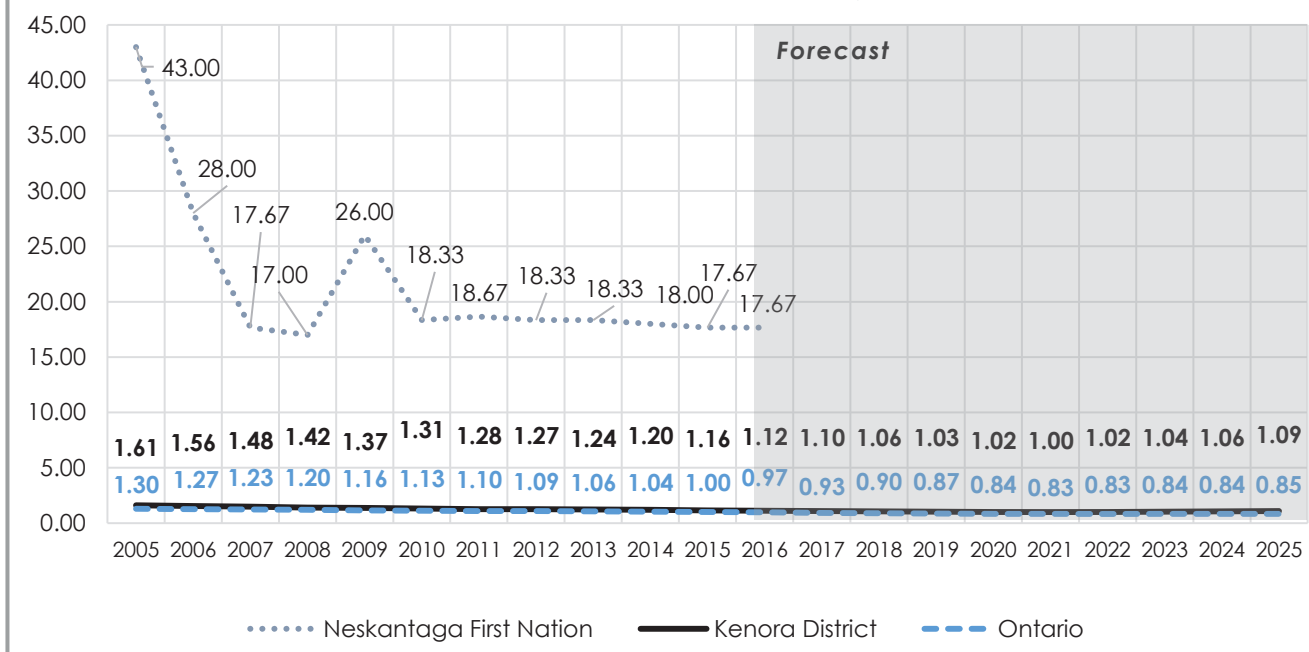
Ontario ———
Kenora District ●●●●●●●●●●
Neskantaga First Nation ———



The labour force entry-exit ratio shows the number of workers ready to enter the workforce (i.e., 15 to 24 years old) to replace those who will be retiring in the coming years (i.e., 55 to 64 years old – Figure 3). The labour force entry-exit ratio in Neskantaga First Nation has fluctuated greatly over the years. This may be due to the uneven age distribution of the community's population (Figure 2), which is reflected in the ratio. However, amid those fluctuations, the labour force entry-exit ratio has remained significantly higher in the community than in the District or the province. Thus, Neskantaga First Nation is likely to see an expansion of its labour force in the future.

FIGURE 3

LABOUR FORCE ENTRY-EXIT RATIO FOR NESKANTAGA FIRST NATION, KENORA DISTRICT AND ONTARIO



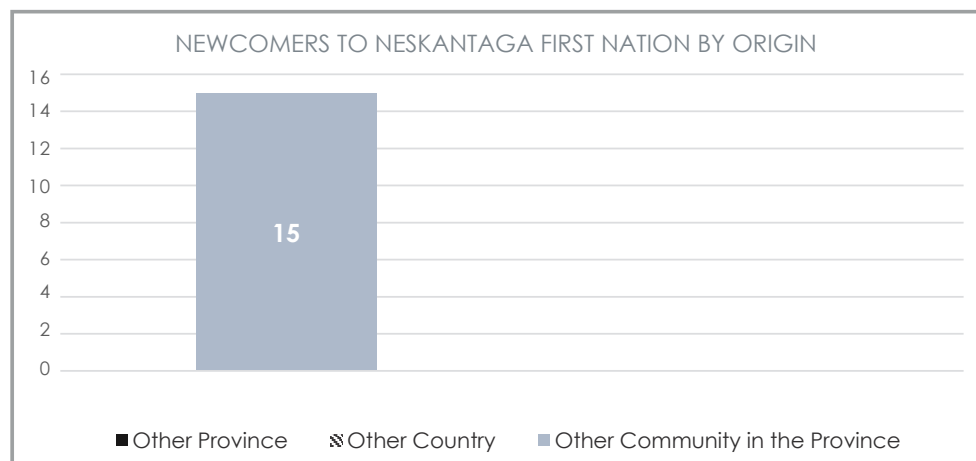
Source: Author's calculations based on Statistics Canada estimation of population and Ontario Ministry of Finance forecasts, spring 2016 population projections update, which served as the basis for the forecast

06. Migration

Migration patterns can influence the population changes in an area. An area's migration patterns can also reflect, and are dependent on, among other things, employment opportunities, quality of life, and the services available to community members.

The 2011 National Household Survey contained no data regarding migration for Neskantaga First Nation. However, new data may become available with the release of findings from the 2016 census on November 29, 2017, and that could supplement what is available in this report. Available data from the 2006 census are provided in Figure 4.

FIGURE 4



Sources: Statistics Canada, Census, 2006, and National Household Survey, 2011

TABLE 5

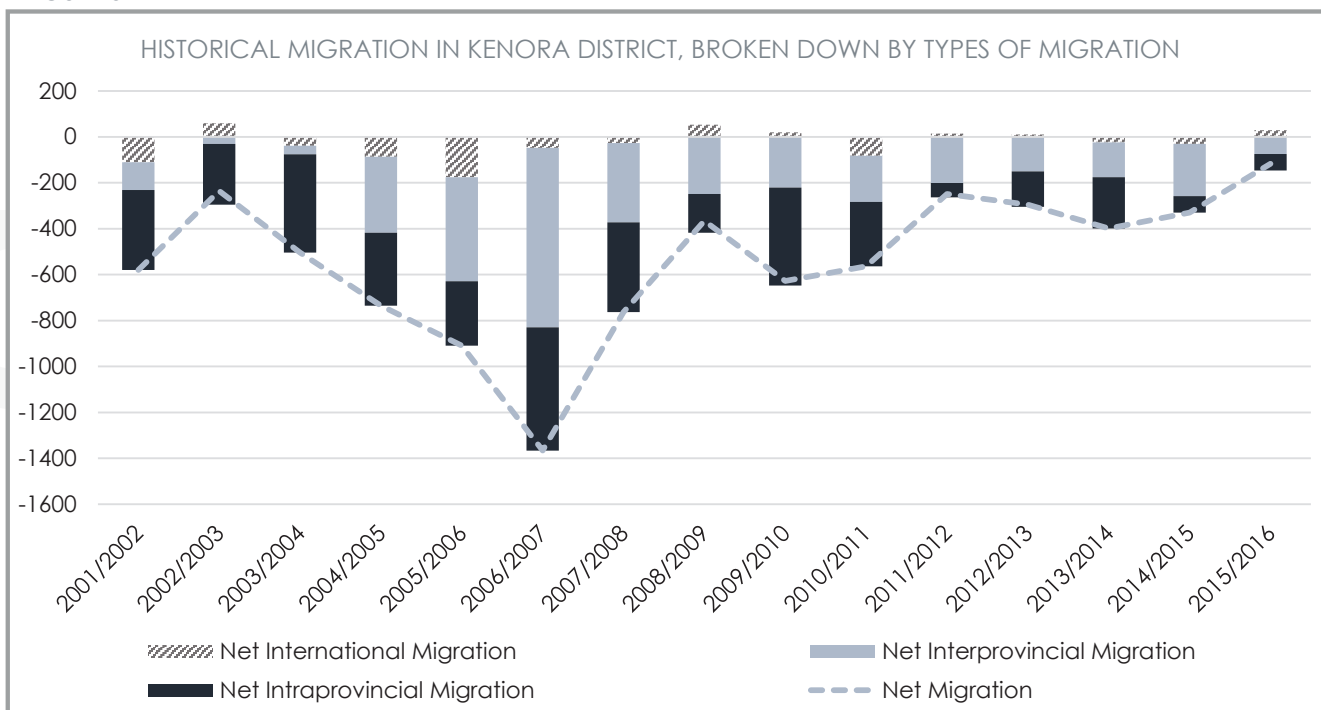
PERMANENT RESIDENTS BY INTENDED DESTINATION

Intended Destination	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Neskantaga First Nation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kenora District	20	35	55	40	30	60	55	40	40	35

Source: Citizenship and Immigration Canada, Permanent Residents Rounded Data Cube, 2012

For the District of Kenora, the number of emigrants was greater than the number of immigrants, resulting in negative net migration (Figure 5), which applies a downward pressure on population growth. When looking at the districts of origin and destination of migrants (Tables 6 and 7), it is interesting to note that, although the Winnipeg Capital Region ranks second, Thunder Bay District is the primary community of destination and origin for Kenora District migrants.

FIGURE 5



Source: Author's calculations based on Statistics Canada, Components of population growth by census division, sex, and age group for the period from July 1-June 30 (annually) between 2001 and 2016, based on the Standard Geographical Classification (SGC), 2011, CANSIM Table: 051-0063

TABLE 6

10 LARGEST ORIGINATING CANADIAN COMMUNITIES FOR IN-MIGRANTS BY AGE GROUP, 2012-2013

District of Origin of In-migrants	0-17	18-24	25-44	45-64	65+	TOTAL
Thunder Bay	132	51	126	59	8	376
Division No. 11 – Manitoba (Winnipeg Capital Region)	56	30	76	31	16	209
Rainy River	23	18	23	15	8	87
Cochrane	23	10	19	7	0	59
Algoma	10	4	18	8	3	43
Division No. 6 – Alberta (Calgary Region)	8	2	16	12	2	40
Toronto	4	4	16	4	2	30
Greater Sudbury	6	5	12	5	1	29
Ottawa	3	1	19	4	0	27
Division No. 22 – Manitoba (Swan River, Parkland Region)	7	7	10	1	0	25
Total In-migrants	378	217	533	252	62	1,442

Source: Taxfiler

TABLE 7

10 LARGEST CANADIAN DESTINATIONS FOR OUT-MIGRANTS BY AGE GROUP, 2012-2013

District of Destination of Out-migrants	0-17	18-24	25-44	45-64	65+	TOTAL
Thunder Bay	151	102	149	65	25	492
Division No. 11 – Manitoba (Winnipeg Capital Region)	54	50	64	30	27	225
Cochrane	40	11	33	10	2	96
Rainy River	12	8	17	13	1	51
Division No. 11 – Alberta (Edmonton Region)	6	13	20	7	1	47
Division No. 6 – Alberta (Calgary Region)	3	15	19	8	1	46
Simcoe	7	3	15	8	3	36
Nipissing	15	8	7	3	1	34
Algoma	10	5	11	4	3	33
Ottawa	4	10	13	5	1	33
Total Out-migrants	431	335	576	281	124	1,747

Source: Taxfiler

07. Education, Literacy, Skills, and Training

Employers often require education or experience to fill positions. Therefore, educational attainment and experience can be either a source of employment growth or a constraint if the skills available in the community do not match the local employment opportunities.

The 2011 National Household Survey contained no data regarding education for Neskantaga First Nation. However, new data may become available with the release of findings from the 2016 census on November 29, 2017, and that could supplement what is available in this report. Available data from the 2006 census for the community, and from the 2011 census for the Kenora District and province, are provided in Figure 6.

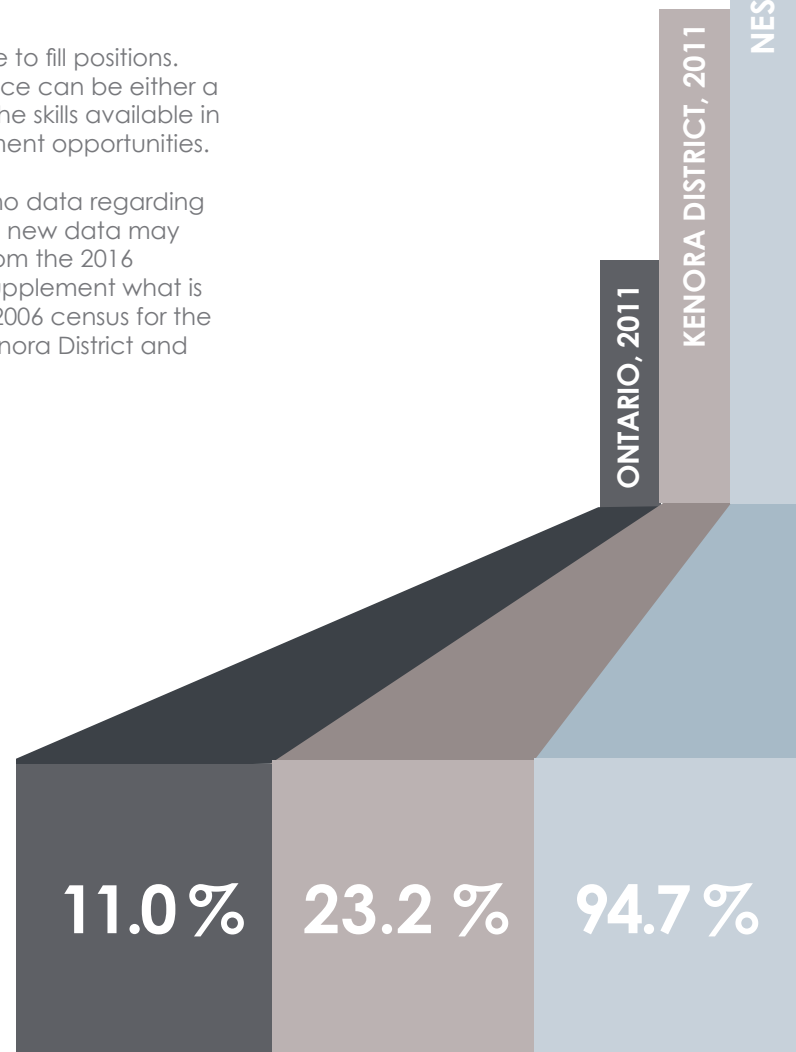
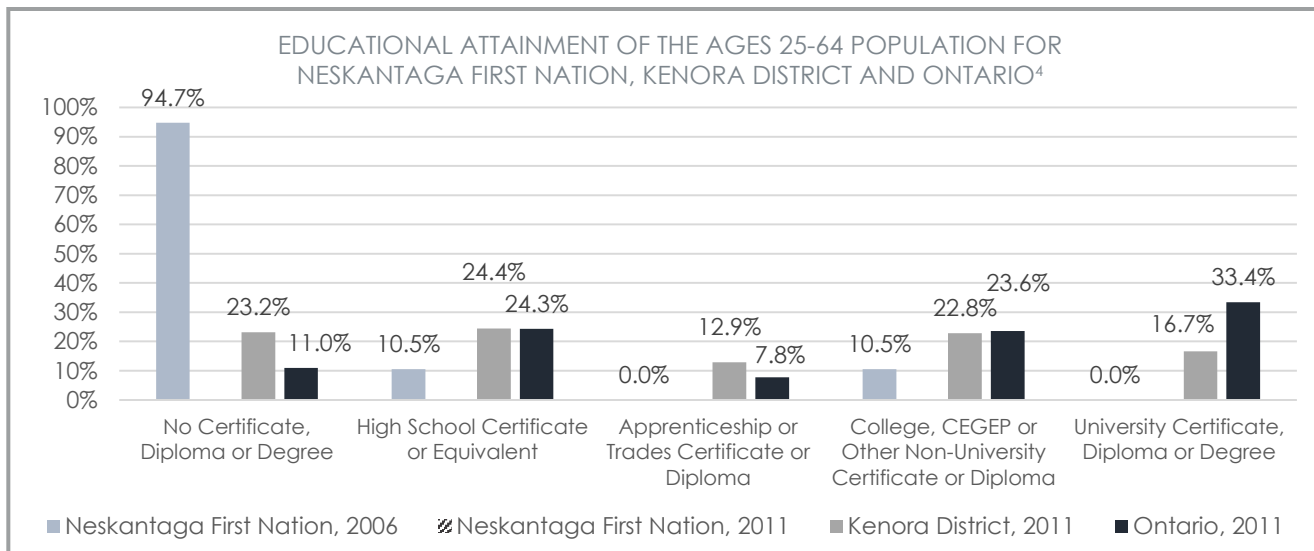


FIGURE 6



Source: Author's calculations based on Statistics Canada, Census, 2006, and National Household Survey, 2011

Unfortunately, there were no data available for school enrolment in the community.

⁴ The detailed definition of the qualifications included in each education category can be found at <http://www12.statcan.gc.ca/nhs-enm/2011/ref/dict/pop038-eng.cfm>
For example, the category 'Apprenticeship or Trades Certificate or Diploma' includes registered apprenticeship certificates and the Journeyperson's certificate. It also includes other trades certificates and diplomas, such as pre-employment or vocational certificates, and diplomas and brief trade programs completed at community colleges, institutes of technology, vocational centres, and similar institutions.

ALIGNMENT

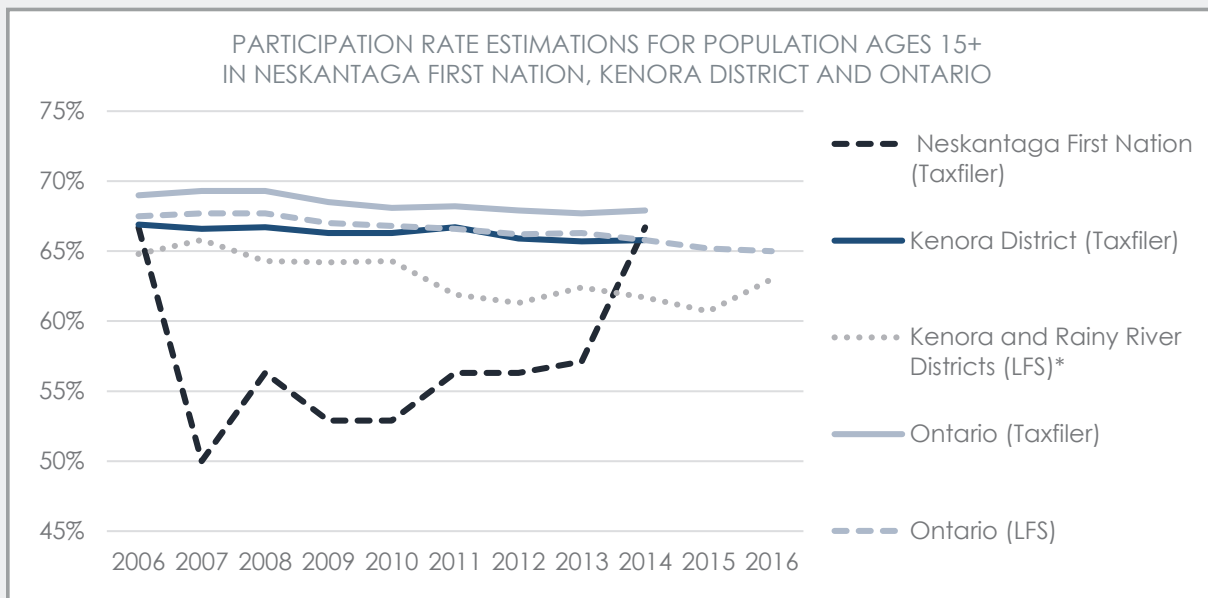
08. Labour Force Participation

Participation, employment, and unemployment rates reflect whether an individual is willing and able to find employment, and whether an employer is able and willing to hire them. All the previous indicators, and more, have an influence on a worker's ability to find a job and an employer's ability to find a worker.

It is important to note that the data provided here are originally collected through tax reports and may not capture the informal labour market in the community. Therefore, it is not possible to provide a comprehensive picture of the economy in Neskantaga First Nation.

From 2006 to 2014, the community's participation rate declined from 67.5 percent to 57.1 percent (Figure 7). Although the participation rate has been relatively stable since 2008, the proportion of labour force declaring employment income has changed significantly since 2010. Indeed, between 2010 and 2014 that proportion increased from 52.9 percent to 66.7 percent. Data were not available on the proportion of the community's labour force declaring Employment Insurance.

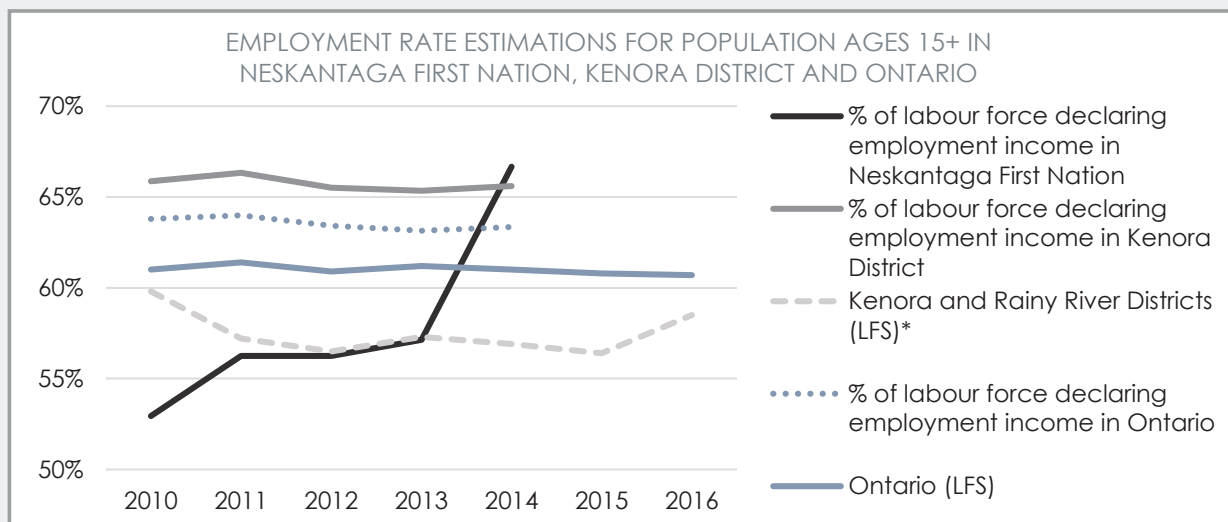
FIGURE 7



Sources: Taxfiler, participation rate calculated as the number of people receiving labour income in the total population over the age of 15; Labour Force Survey (LFS) two-year average estimates, participation rate calculated as the number of civilian, non-institutionalized persons age 15 or over who are employed or unemployed in the total population

* The district labour force status data available in the LFS for the Kenora District are grouped together with the data for Rainy River District

FIGURE 8



Sources: Author's calculations based on Taxfiler, number of people declaring employment income, and estimates of population; Statistics Canada, Labour Force Survey (LFS) two-year average estimates

* The district labour force status data available in the LFS for the Kenora District are grouped together with the data for Rainy River District



09. Wages⁵

Wages—or the hourly rate an employee is compensated for their work—can have an impact on the capacity to attract candidates and to fill positions. On the other hand, if an area offers wages inferior to the rest of the province, it can be perceived as a competitive advantage and attract employers.

⁵ For a more detailed analysis of salary comparison in the north, please see Sundmark, J. (2016). "Average salary comparison" [blog] Available at: northernpolicy.ca

TABLE 8

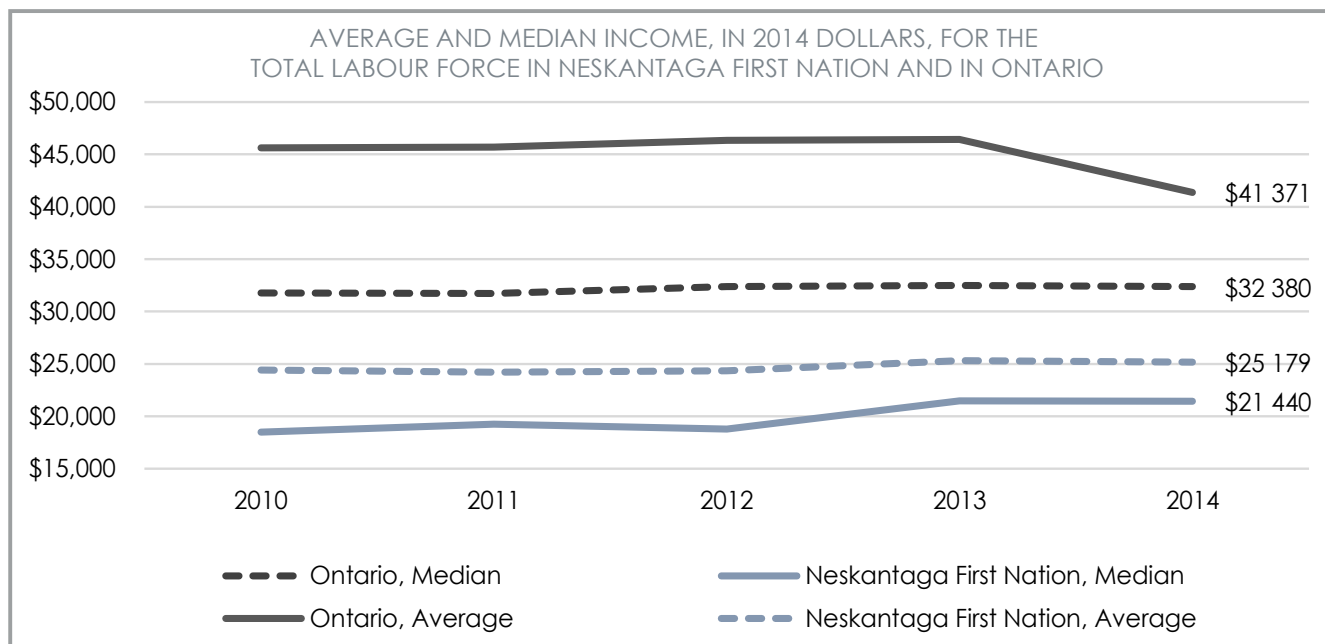
COMPARISON OF AVERAGE HOURLY WAGES BY OCCUPATION BETWEEN NORTHWESTERN ONTARIO AND ONTARIO			
Average Hourly Wages Offered by Occupation, 2015	Northwestern Ontario	Ontario	Difference
Professional occupations in health (except nursing)	\$ 70.73	\$ 48.71	\$ 22.01
Industrial, electrical & construction trades	\$ 28.49	\$ 22.06	\$ 6.43
Professional occupations in business & finance	\$ 32.85	\$ 26.74	\$ 6.11
Finance, insurance & related business administrative occupations	\$ 15.15	\$ 24.48	\$ -9.33
Professional occupations in natural & applied sciences	\$ 25.29	\$ 34.39	\$ -9.10
Retail sales supervisors & specialized sales occupations	\$ 16.00	\$ 23.46	\$ -7.46

Source: Author's calculations based on Statistics Canada, Job vacancy and wages survey, 2015 (average of all quarters)

10. Income

Average and median income indicate how well-off an area and its inhabitants are compared to others. Sources of income also provide information about how much of the community's income comes from the labour market and how much comes from other sources. As such, it can be an indication about the prevalence of employment and the sustainability of the community.

FIGURE 9

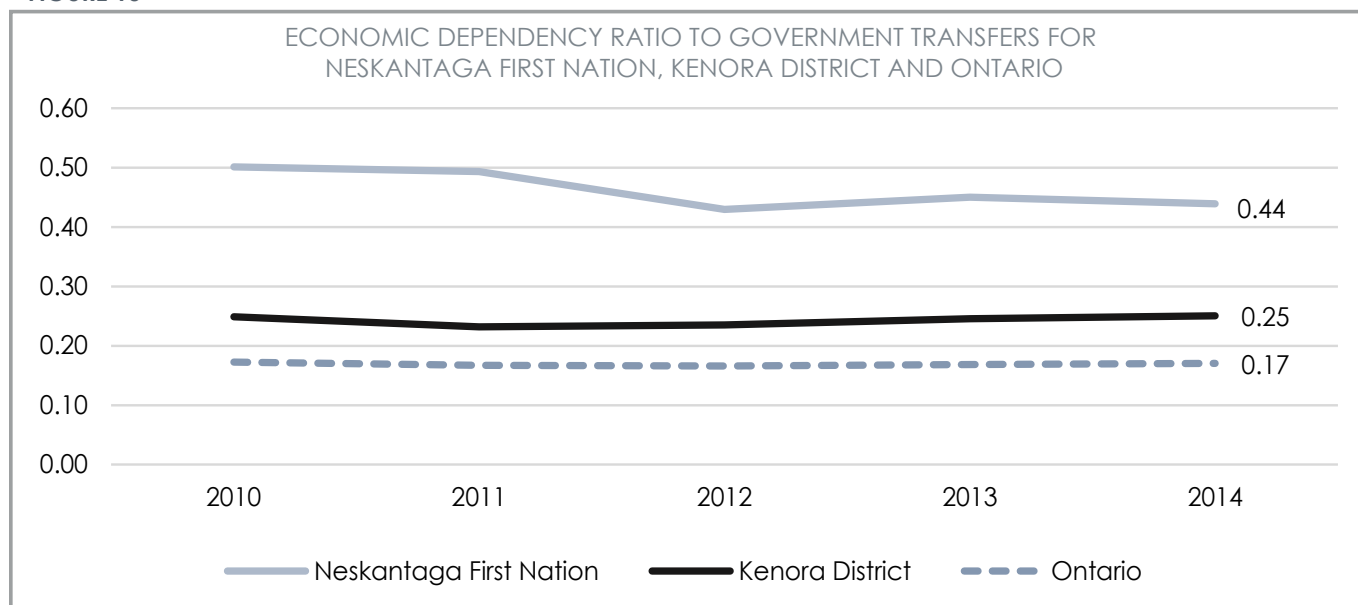


Sources: Author's calculations based on Taxfiler Lansdowne House "rural community" (postal code P0T 1Z0), and Ontario; Bank of Canada, Consumer Price Index.

Average income depends on multiple factors, such as the type of jobs available (part-time or full-time) and the dominant industry in a community. In 2014, the average income in Neskantaga First Nation was \$25,179 and the median income was \$21,440 (Figure 9). By comparison, the provincial average income was \$41,371 and the median income was \$32,380. Figure 9 also demonstrates that the community's average and median income remained relatively stable between 2010 and 2014.

Furthermore, the economic dependency ratio—the amount of government transfers received compared to the amount of income earned through employment—in Neskantaga First Nation was higher than that of both the Kenora District and the province (Figure 10). Complete data were not available on the various sources of income and transfers in the community. However, the largest known transfer was the Canada Child Benefit, which accounted for 7.8 percent of the community's income – a much larger percentage than that of the province (1.1 percent) or the District (2.8 percent - Table 9).

FIGURE 10



Source: Author's calculations based on Taxfiler Lansdowne House "rural community" (postal code P0T 1Z0), Kenora District, and Ontario

TABLE 9

DISTRIBUTION OF THE INCOME OF THE COMMUNITY BY SOURCE OF INCOME			
Amount of Dollars by Source of Income, 2014	Neskantaga First Nation	Kenora District	Ontario
Wages/salaries/commissions only	X	66.7%	67.9%
Self-employment only	X	2.6%	4.3%
Employment income	68.5%	69.3%	72.0%
Employment Insurance	X	1.3%	1.1%
OAS/Net federal supplements	5.4%	3.8%	3.3%
CPP/QPP	2.3%	4.2%	3.9%
CCTB	7.8%	2.8%	1.1%
Workers compensation	X	0.8%	0.4%
Social Assistance	5.4%	1.9%	1.1%
Other government transfers	X	2.5%	1.2%
Government transfers	30.1%	17.3%	12.2%
Private pensions	X	8.1%	7.7%
RRSP	X	0.4%	0.4%
Investment	X	3.2%	5.3%
Other income	X	1.7%	2.5%
Total income	100.0%	100.0%	100.0%

Source: Author's calculations based on Lansdowne House "rural community" (postal code P0T 1Z0), Kenora District, and Ontario.
 'X' indicates suppressed data.

POPULATION



237 (2016)



8.30km²

ALONG THE SHORE OF
ATTAWAPISKAT LAKE
271 KM NORTHEAST
OF THUNDER BAY

52°12'N
88°02'W

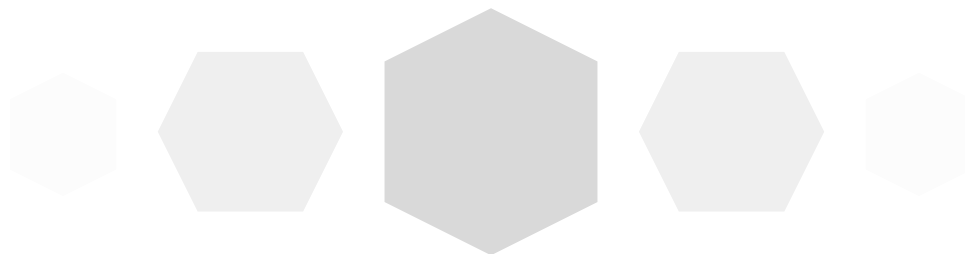
NESKANTAGA FIRST NATION



THE COMMUNITY HAS A
YOUNG
POPULATION
AND AN EXPANDING
LABOUR FORCE

CONCLUSION

Lack of data make it difficult to provide a full picture of Neskantaga First Nation, and it is possible there is significant traditional and non-traditional economic activity unrepresented by the commonly used data sources represented here. However, the available data demonstrate that the community is home to a relatively young population and an expanding labour force. This might make Neskantaga First Nation more attractive to potential employers, provided they can find the necessary skills within the community.



NOTE TO READERS: Moving forward, the Community Labour Market Report Series will be replaced by Community Accounts. This online portal, no.communityaccounts.ca, will provide reliable information on key economic and social indicators, broken down to the community, regional, provincial and national levels over census years 2001, 2006, 2011 and 2016. Community Accounts will be publicly available to allow anyone to access data for their community in tables, charts and other formats.

About the Local Employment Planning Council (LEPC):

LEPC in Thunder Bay is a pilot project led by the North Superior Workforce Planning Board (NSWPB) with the support of Northern Policy Institute (NPI) as data and research partner. The LEPC uses community consultation, research, and evidence-based practices to spur innovation in workforce development in our region.

About North Superior Workforce Planning Board (NSWPB):

The North Superior Workforce Planning Board (NSWPB) is one of twenty-six Workforce Planning zones across Ontario, mandated through the Ministry of Advanced Education and Skills Development to identify, assess and prioritize the skills and knowledge needs of community, employers and individual participants/learners in the local labour market through a collaborative, local labour market planning process.

About Northern Policy Institute (NPI):

Northern Policy Institute is Northern Ontario's independent think tank. We perform research, collect and disseminate evidence, and identify policy opportunities to support the growth of sustainable Northern communities. Our operations are located in Thunder Bay, Sault Ste. Marie, and Sudbury. We seek to enhance Northern Ontario's capacity to take the lead position on socio-economic policy that impacts Northern Ontario, Ontario, and Canada as a whole.



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