MAKING SENSE OF LABOUR MARKET INFORMATION

Part 3 – <u>NORTH CLAYBELT</u> Labour Market Supply

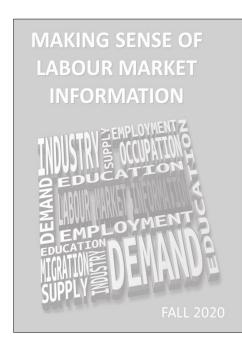


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Introduction to Labour Market Information (LMI)

PART 1





MAKING SENSE OF LABOUR MARKET INFORMATION



PART 2

Local Labour Market Demand

Where the jobs are









PART 3

Local Labour Market Supply

Who we have (or not) to fill the jobs.





MAKING SENSE OF LABOUR MARKET INFORMATION



PART 4

Using LMI to Inform Planning

Aligning demand and supply







WHAT?

We will look at labour market demand and supply indicators using a variety of sources:

- Statistics Canada, Labour Force Survey
- Statistics Canada, Canadian Business Counts
- Statistics Canada, Census and National Household Survey Data
- Statistics Canada, Small Area and Administrative Data Division (Tax Filer)
- Ontario Open Data
- Local Knowledge (Local Labour Market
- Forecast 2016-2036, local employer surveys
- Job postings (jobsin, Viscinity jobs)
- EO program data



INDICATORS:

- 1. Number of Employers
- 2. Employment by Industry
- 3. Employment by Occupation
- 4. Population
- 5. Migration
- 6. Education
- 7. Labour Force Participation
- 3./ Income

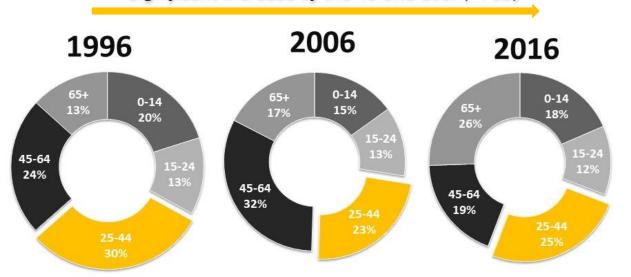
OTHER DATA:

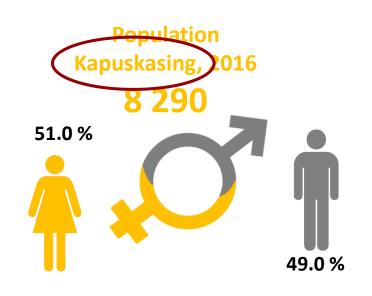
- 6. School enrolments
- 7. EO program uptake
- 8. Local job postings
- 9. Local employers input

Significant increase of the 45 and over (+705)

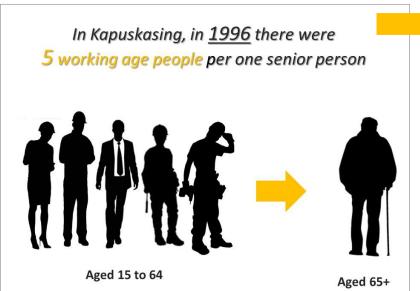


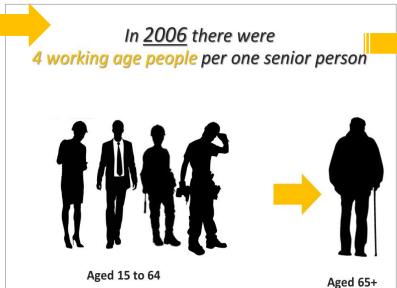


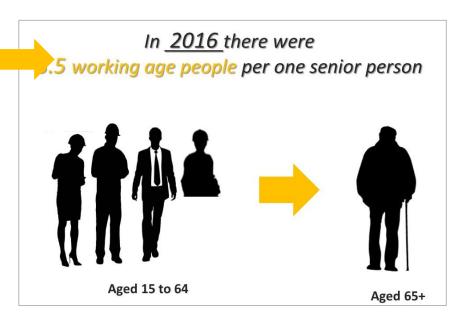




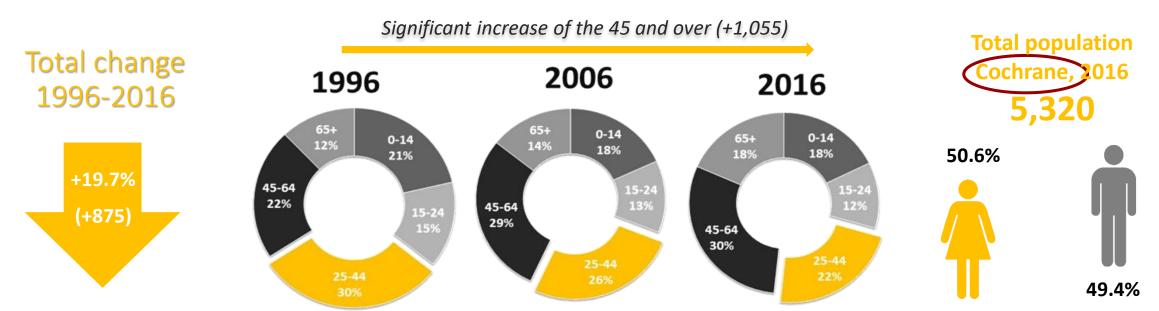
Decline of the population aged 15-44 (-1,730)



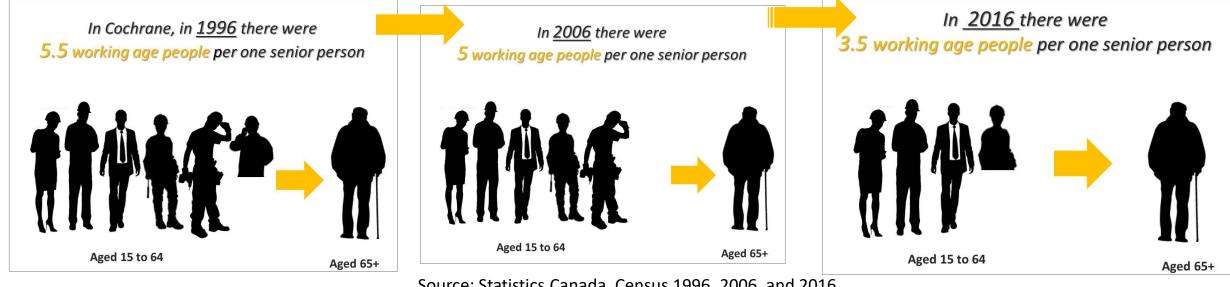




Source: Statistics Canada, Census 1996, 2006 and 2016



Decline of the population aged 15-44 (-170)

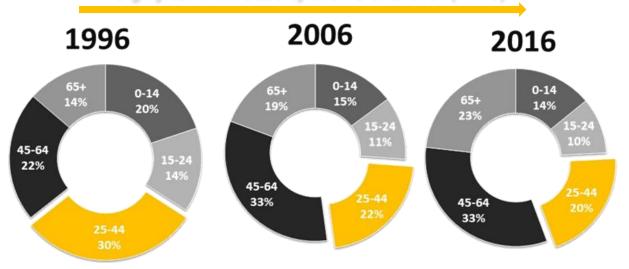


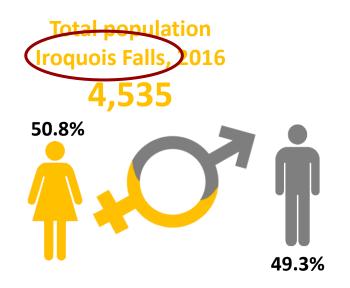
Source: Statistics Canada, Census 1996, 2006 and 2016

Significant increase of the 45 and over (+475)

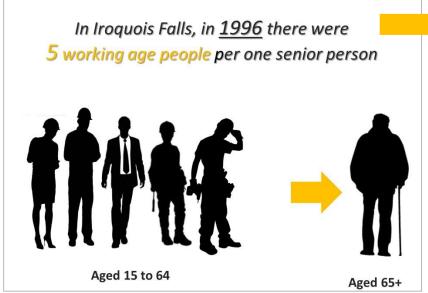


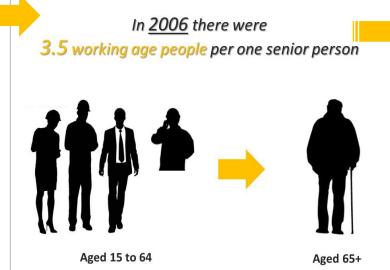


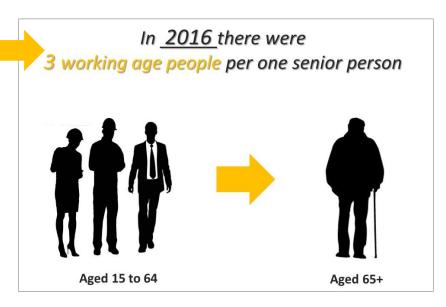




Decline of the population aged 15-44 (-1,165)







Source: Statistics Canada, Census 1996, 2006 and 2016

Note: Migration data is only available at the district level. This slide provides details on migration patterns for the **Cochrane District**.

	:	2015-2016		2017-2018				
	In-	Out-	Net-	In-	Out-	Net-		
Age Group	migrants	migrants	migrants	migrants	migrants	migrants		
0 to 17	375	478	-103	359	431	-72		
18 to 24	236	377	-141	20	346	-144		
25 to 44	611	756	-145	593	747	-154		
45 to 64	265	462	-197	314	422	-108		
65+ years	98	219	-121	125	200	-75		
TOTAL	1,585	2,292	-707	1,593	2,146	-553		

The Cochrane District continues to face a net-migration in all age cohorts.

To the Cochrane District from:

TOP 5 DISTRICTS OF ORGIN OF IN-MIGRANTS								
2015-2016 2017-2018								
Origin	Total	Origin	Total					
Greater Sudbury	252	Greater Sudbury	151					
Nipissing	200	Nipissing	120					
Ottawa	197	Timiskaming	101					
Timiskaming	111	Kenora	95					
Toronto	127	Simcoe	77					

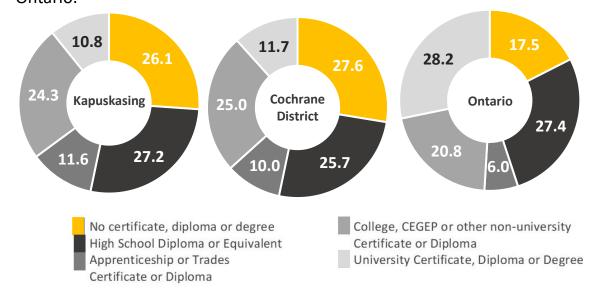
From the Cochrane District to:

TOP 5 DISTRICTS OF ORGIN OF IN-MIGRANTS							
2015-2016 2017-201							
Destination	Total	Destination	Total				
Greater Sudbury	177	Greater Sudbury	228				
Nipissing	105	Nipissing	212				
Timiskaming	93	Ottawa	162				
Algoma	74	Timiskaming	114				
Toronto	64	Toronto	91				

A look at the origin (the districts that in-migrants come from) and the destination of out-migrants (the districts where they go to), the data seems to reveal a high rate of migration in and out of the of other Northern Ontario districts.



At the time of the 2016 Census, 26.1% of the total population 15 and over in Kapuskasing had no certificate, diploma or degree compared to 17.5% in Ontario.



- The percentage of the population in Kapuskasing with a University Certificate, Diploma or Degree was significantly lower than the province.
- The percentage of the population in Kapuskasing with an Apprenticeship or Trades Certificate or Diploma exceeds that of the district and the province.
- Kapuskasing has a higher percentage of population with a College, CEGEP or other non-university Certificate or Diploma compared to the province.

Change in Educational Attainment Levels, Kapuskasing 2006 to 2016

15 - 24	25 - 44	45 - 64	65+	2006
51.4	10.0	24.1	64.6	No certificate, diploma or degree
28.8	22.8	24.8	16.4	High school or equivalent
1.9	17.1	21.6	8.2	Apprenticeship or trades certificate or diploma
15.1	32.7	19.2	6.0	College, CEGEP or other non-university
2.8	17.1	10.4	4.1	University certificate, diploma or degree
15 - 24	25 - 44	45 - 64	65+	2016
15 - 24 35.9	25 - 44 10.1	45 - 64 17.6	65+ 51.1	2016 No certificate, diploma or degree
				No certificate,
35.9	10.1	17.6	51.1	No certificate, diploma or degree High school or
35.9	10.1	17.6	51.1 17.4	No certificate, diploma or degree High school or equivalent Apprenticeship or trades

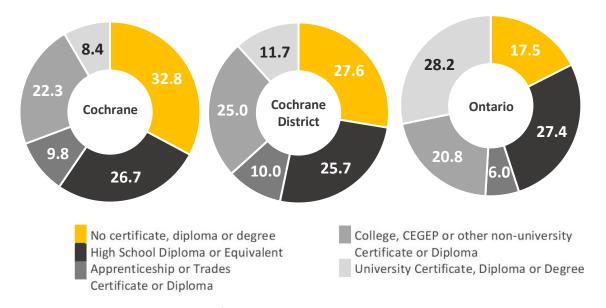


Between 2006 and 2016, the educational attainment levels of the population aged 15 and over improved overall.



During that same period, it is important to note the decrease in the percentage of the population aged 25 and over with Apprenticeship or Trades Certificate or diploma.

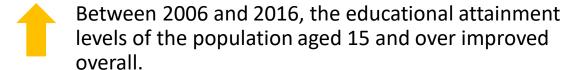
At the time of the 2016 Census, 32.8% of the total population 15 and over in Cochrane had no certificate, diploma or degree compared to 17.5% in Ontario.

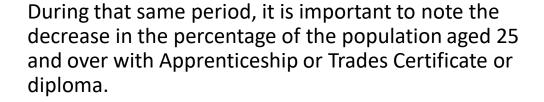


- The percentage of the population in Cochrane with a University Certificate, Diploma or Degree was significantly lower than the district and the province.
- The percentage of the population in Cochrane with an Apprenticeship or Trades Certificate or Diploma exceeds that of the province.
- Cochrane has a higher percentage of population with a College, CEGEP or other non-university Certificate or Diploma compared to the province.

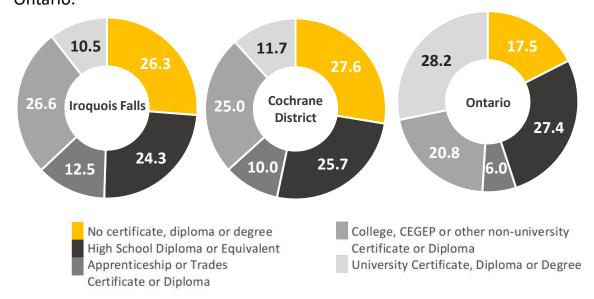
Change in Educational Attainment Leve 6, Cochrane 2006 to 2016

15 - 24	25 - 44	45 - 64	65+	2006
13 - 24	23 - 44	43 - 04	001	2000
42.6	15.5	34.6	66.2	No certificate,
	10.0	00	00.2	diploma or degree
39.0	29.3	25.1	8.8	High school or
			0.0	equivalent
2.8	12.4	13.0	12.8	Apprenticeship or trades
				certificate or diploma
12.1	30.0	15.6	9.5	College, CEGEP or other non-
12.1	00.0	10.0	0.0	university
4.3	13.4	10.5	1.4	University certificate,
1.0	10.1	10.0		diploma or degree
15 - 24	25 - 44	45 - 64	65+	2016
				2016 No certificate,
15 - 24 43.2	25 - 44 12.0	45 - 64 30.9	65+ 54.3	
43.2	12.0	30.9	54.3	No certificate,
				No certificate, diploma or degree
43.2	12.0 31.6	30.9	54.3 15.6	No certificate, diploma or degree High school or
43.2	12.0	30.9	54.3	No certificate, diploma or degree High school or equivalent
43.2 29.6 8.0	12.0 31.6 10.7	30.9 28.7 9.8	54.3 15.6 8.6	No certificate, diploma or degree High school or equivalent Apprenticeship or trades certificate or diploma College, CEGEP or other non-
43.2	12.0 31.6	30.9	54.3 15.6	No certificate, diploma or degree High school or equivalent Apprenticeship or trades certificate or diploma College, CEGEP or other non- university
43.2 29.6 8.0	12.0 31.6 10.7	30.9 28.7 9.8	54.3 15.6 8.6	No certificate, diploma or degree High school or equivalent Apprenticeship or trades certificate or diploma College, CEGEP or other non-





At the time of the 2016 Census, 26.3% of the total population 15 and over in Iroquois Falls had no certificate, diploma or degree compared to 17.5% in Ontario.



- The percentage of the population in Iroquois Falls with a University Certificate, Diploma or Degree was significantly lower than the province.
- The percentage of the population in Iroquois Falls with an Apprenticeship or Trades Certificate or Diploma exceeds that of the district and the province.
- Iroquois Falls has a higher percentage of population with a College, CEGEP or other non-university Certificate or Diploma compared to the district and the province.

Change in Educational Attainment Levels, Iroquois 2006 to 2016

15 - 24	25 - 44	45 - 64	65+	2006
50.5	8.7	26.4	53.0	No certificate, diploma or degree
25.7	25.6	22.8	17.9	High school or equivalent
25.7	15.9	17.3	17.3	Apprenticeship or trades certificate or diploma
15.6	32.9	23.8	7.7	College, CEGEP or other non-university
4.6	16.4	10.1	6.0	University certificate, diploma or degree
15 - 24	25 - 44	45 - 64	65+	2016
15 - 24 40.6	25 - 44 10.7	45 - 64 13.7	65+ 53.7	No certificate,
40.6	10.7	13.7	53.7	No certificate, diploma or degree High school or
40.6	10.7	13.7	53.7	No certificate, diploma or degree High school or equivalent Apprenticeship or trades



Between 2006 and 2016, the educational attainment levels of the population aged 15 and over improved overall.



During that same period, it is important to note the decrease in the percentage of the population aged 25 and over with Apprenticeship or Trades Certificate or diploma.

KAPUSKASING

Labour Force Activity, by Age, 2016

KAI USKASINU							
	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Participation rate	56.2	69.4	78.0	87.0	81.1	53.2	7.5
Employment rate	51.3	61.8	71.5	82.6	74.2	48.6	5.4
Unemployment rate	8.9	11.0	9.0	5.0	7.9	8.6	20.0
ONTARIO							
	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Participation rate	64.7	60.2	85.0	86.2	84.7	65.5	15.0
Employment rate	59.9	49.6	78.4	81.7	80.6	62.0	14.2
Unemployment rate	7.4	17.6	7.7	5.3	4.8	5.3	5.1

At the time of the 2016 Census, overall participation rates in Kapuskasing were similar to those of the province, with two notable exceptions:

- Participation rates for the 15 to 24 age cohort were higher in Kapuskasing compared to the province.
- Cohorts in the 55+ categories had lower participation rates than the province.

The table below clearly demonstrates the correlation between higher education and employment outcomes.

Employment Rate, by Age, by Educational Attainment, Kapuskasing, 2016

	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
No certificate, diploma or degree	24.0	45.9	25.0	50.0	51.5	33.9	4.1
High school or equivalent	52.6	70.8	60.4	65.8	71.7	51.5	3.4
Apprenticeship or trade certificate or diploma	51.9	50.0	84.2	80.0	75.0	57.1	6.8
College, CEGEP or other non-university	70.5	82.1	88.7	96.7	79.7	53.9	8.3
University certificate, diploma or degree	68.0	54.5	89.7	80.6	100.0	35.3	12.5

Labour Force Activity, by Age, 2016

	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Participation rate	63.6	75.2	82.9	88.0	80.6	65.4	11.9
Employment rate	56.4	62.4	76.1	79.5	72.3	58.6	9.2
Unemployment rate	11.3	17.0	8.2	9.7	12.0	9.4	18.2
ONTARIO							
	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Participation rate	64.7	60.2	85.0	86.2	84.7	65.5	15.0
Employment rate	59.9	49.6	78.4	81.7	80.6	62.0	14.2
Unemployment rate	7.4	17.6	7.7	5.3	4.8	5.3	5.1

At the time of the 2016 Census, overall participation rates in Cochrane were similar to those of the province, with two notable exceptions:

- Participation rates for the 15 to 24 age cohort were higher in Cochrane compared to the province.
- Cohorts in the 55+ categories had lower participation rates than the province.

Employment Rate, by Age, by Educational Attainment,

The table below clearly demonstrates the correlation between higher education and employment outcomes.

	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
No certificate, diploma or degree	34.0	49.1	44.4	60.0	54.1	53.2	5.0
High school or equivalent	63.9	70.3	73.8	71.9	79.2	57.1	13.8
Apprenticeship or trade certificate or diploma	66.7	70.0	93.3	72.7	77.8	61.5	23.5
College, CEGEP or other non-university	70.8	76.2	86.7	82.6	76.9	73.3	12.5
University certificate, diploma or degree	70.4	0.0	100.0	85.0	90.1	57.1	14.3

IROQUOIS FALLS

Labour Force Activity, by Age, 2016

	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Participation rate	49.8	56.3	80.0	90.1	77.0	38.4	5.3
Employment rate	44.4	45.8	74.1	84.6	66.7	32.3	4.8
Unemployment rate	11.1	18.5	5.9	4.9	13.5	14.3	20.0
ONTARIO							
	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
Participation rate	64.7	60.2	85.0	86.2	84.7	65.5	15.0
Employment rate	59.9	49.6	78.4	81.7	80.6	62.0	14.2
Unemployment rate	7.4	17.6	7.7	5 3	4 8	5 3	5 1

At the time of the 2016 Census, overall participation rates in Iroquois Falls were similar to those of the province, with two notable exceptions:

- Participation rates for the 15 to 24 age cohort were lower in Iroquois Falls compared to the province.
- Cohorts in the 55+ categories had lower participation rates than the province.

The table below clearly demonstrates the correlation between higher education and employment outcomes.

Iroquois Falls, 2016	Total 15+	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65+
No certificate, diploma or degree	18.0	30.0	30.0	70.0	0.0	24.2	3.0
High school or equivalent	41.1	35.5	70.6	82.4	63.2	22.2	7.7
Apprenticeship or trade certificate or diploma	47.4	50.0	70.0	72.7	66.7	48.0	9.1
College, CEGEP or other non-university	62.2	76.5	77.4	90.0	70.0	36.6	9.1
University certificate, diploma or degree	70.0	100.0	100.0	86.7	85.7	54.5	16.7



Ontario, 2016



Median Employment Income, by				
Occupation, 2016 (1-digit NOC)	KAPUSKASING		ONTARIO	
	Male	Female	Male	Female
0 – Management	63,692	44,168	79,282	65,907
1 – Business, finance and administration	63,512	41,370	59,732	50,223
2 – Natural and applied sciences and related	104,057	-	79,067	71,656
3 – Health	-	65,374	75,785	59,141
4 – Education, law and social, community and government	77,192	57,102	86,384	63,523
5 – Art, culture, recreation and sport	-	-	46,749	44,523
6 – Sales and service	35,870	26,174	41,043	31,752
7 – Trades, transport and equipment operators and related	68,573	-	53,652	40,268
8 – Natural resources, agriculture and related production	95,687	-	43,825	26,144
9 – Manufacturing and utilities	71,403	-	52,023	36,871

Median Employment Income, By Educational

Attairinent, 2016	KAPUSKASING	ONTARIO
No certificate, diploma or degree	34,693	38,570
High school or equivalent	41,202	44,625
Apprenticeship or trade certificate or diploma	65,788	54,122
College, CEGEP or other non- university	59,394	53,007
University certificate, diploma or degree	84,902	73,618

This table shows the correlation between higher education and median employment income.



Ontario, 2016



Median Employment Income, by				
Occupation, 2016 (1-digit NOC)	СОСН	COCHRANE		ARIO
	Male	Female	Male	Female
0 – Management	71,063	63,921	79,282	65,907
1 – Business, finance and administration	72,557	48,279	59,732	50,223
2 – Natural and applied sciences and related	77,754	-	79,067	71,656
3 – Health	-	57,502	75,785	59,141
4 – Education, law and social, community and government	91,912	70,623	86,384	63,523
5 – Art, culture, recreation and sport	-	_	46,749	44,523
6 – Sales and service	47,386	24,453	41,043	31,752
7 – Trades, transport and equipment operators and related	61,748	_	53,652	40,268
8 – Natural resources, agriculture and related production	-	_	43,825	26,144
9 – Manufacturing and utilities	61,851	-	52,023	36,871

Median Employment Income, By Educational Attainment, 2016

Attainment, 2010	COCHRANE	ONTARIO
No certificate, diploma or degree	48,645	38,570
High school or equivalent	49,297	44,625
Apprenticeship or trade certificate or diploma	58,370	54,122
College, CEGEP or other non-university	57,391	53,007
University certificate, diploma or degree	84,092	73,618

This table shows the correlation between higher education and median employment income.



Ontario, 2016



Median Employment Income, by				
Occupation, 2016 (1-digit NOC)	IROQUOIS FALLS		ONTARIO	
	Male	Female	Male	Female
0 – Management	-	_	79,282	65,907
1 – Business, finance and administration	-	41,415	59,732	50,223
2 – Natural and applied sciences and related	-	-	79,067	71,656
3 – Health	-	51,686	75,785	59,141
4 – Education, law and social, community and government	78,294	76,630	86,384	63,523
5 – Art, culture, recreation and sport	-	_	46,749	44,523
6 – Sales and service	52,889	25,028	41,043	31,752
7 – Trades, transport and equipment operators and related	69,378	_	53,652	40,268
8 – Natural resources, agriculture and related production	65,993	_	43,825	26,144
9 – Manufacturing and utilities	108,727	-	52,023	36,871

Median Employment Income, By Educational Attainment, 2016

	IROQUOIS FALLS	ONTARIO
No certificate, diploma or degree	59,648	38,570
High school or equivalent	43,708	44,625
Apprenticeship or trade certificate or diploma	48,051	54,122
College, CEGEP or other non-university	59,252	53,007
University certificate, diploma or degree	81,951	73,618

This table shows the correlation between higher education and median employment income.



LABOUR MARKET SUPPLY

Who do we have (or not) to meet the demand?

FNETB Region

FNETB REGION 2016

49.7% 15.1% 86,605 Total population 20-74 aged 50 - 74 aged 65-74 57,065 Total in the labour force 47.4% 3.7% 20-74 aged 50 - 74 65.9% aged 65-74 29,555 73.8% 37.2% Total not in the labour force 20-74 aged 65-74 aged 50 - 74 34.1% Total not in the labour 7,740 force 20-49

FNETB REGION 2016

7,740

Total not in the labour force 20-49

55.2%

aged 20 - 34

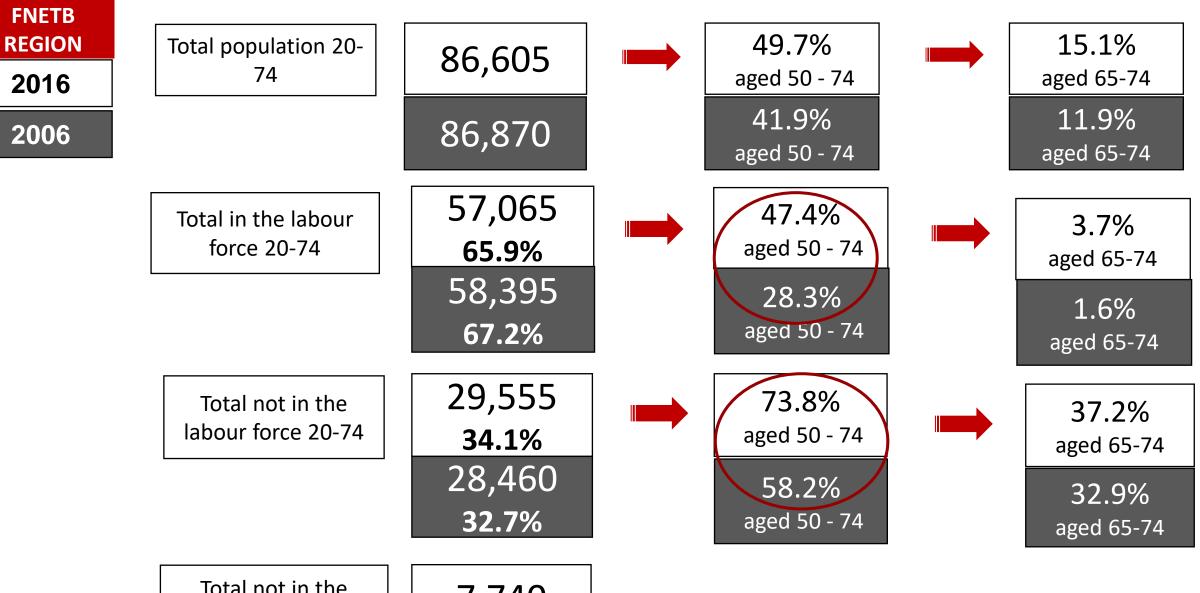


44.8%

aged 35 - 49

·				
	Male		Female	
	#	# %		%
Total	1775	100.0	2500	100.0
No certificate, degree or diploma	855	48.2	885	35.4
High school diploma or equivalent	530	29.8	950	38.0
Apprenticeship / Trades	140	7.9	90	3.6
College, CEGEP, other non-university	185	10.4	415	16.6
University – below bachelor	20	1.1	20	0.8
University – above bachelor	60	3.4	150	6.0

	Male		Female	
	#	%	#	%
Total	1470	100.0	1995	100.0
No certificate, degree or diploma	580	39.4	640	32.1
High school diploma or equivalent	430	29.2	595	29.8
Apprenticeship / Trades	150	10.2	125	6.3
College, CEGEP, other non-university	200	13.6	495	24.8
University – below bachelor	0	0.0	10	0.5
University – above bachelor	55	3.7	145	7.3



Total not in the labour force 20-49

7,740

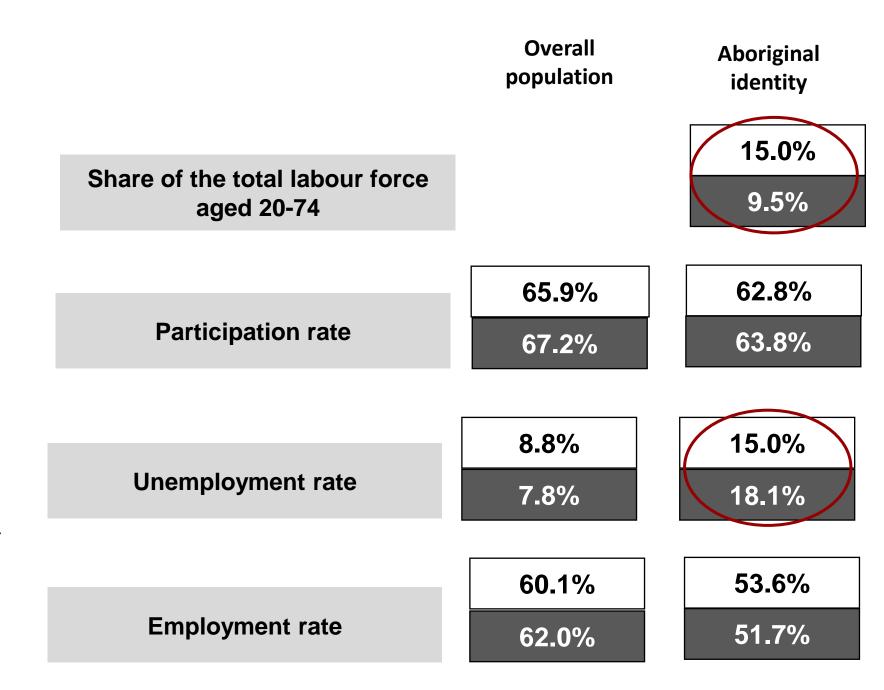
8,610



2016

2006

Aboriginal identity refers to whether the person identified with the Aboriginal peoples of Canada. This includes those who are First Nations (North American Indian), Métis or Inuk (Inuit) and/or those who are Registered or Treaty Indians (that is, registered under the Indian Act of Canada), and/or those who have membership in a First Nation or Indian band.

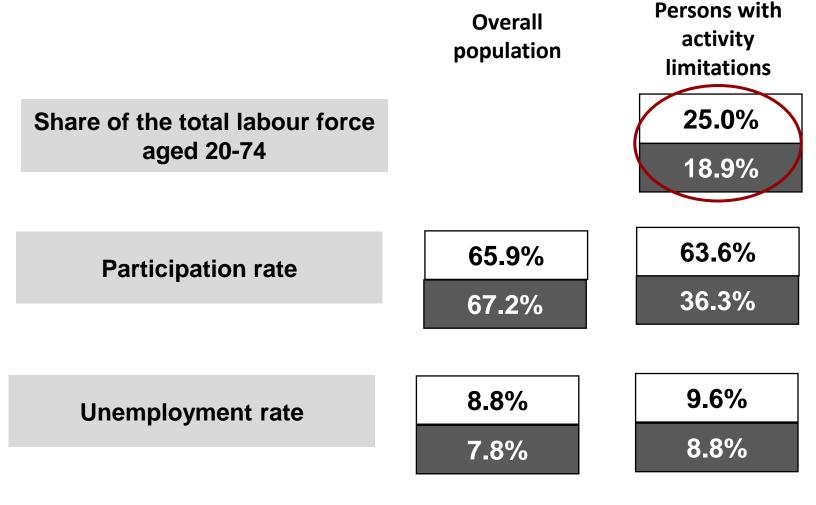


FNETB REGION 2016

2006

Persons with Activity Limitations:

Experienced activity limitations imposed by a condition(s) or by long-term physical and/or mental health problem that has lasted or is expected to last 6 months or more. Those who reported such limitations "some of the time" or "all of the time" versus "never" were considered to have a participation and activity limitation.



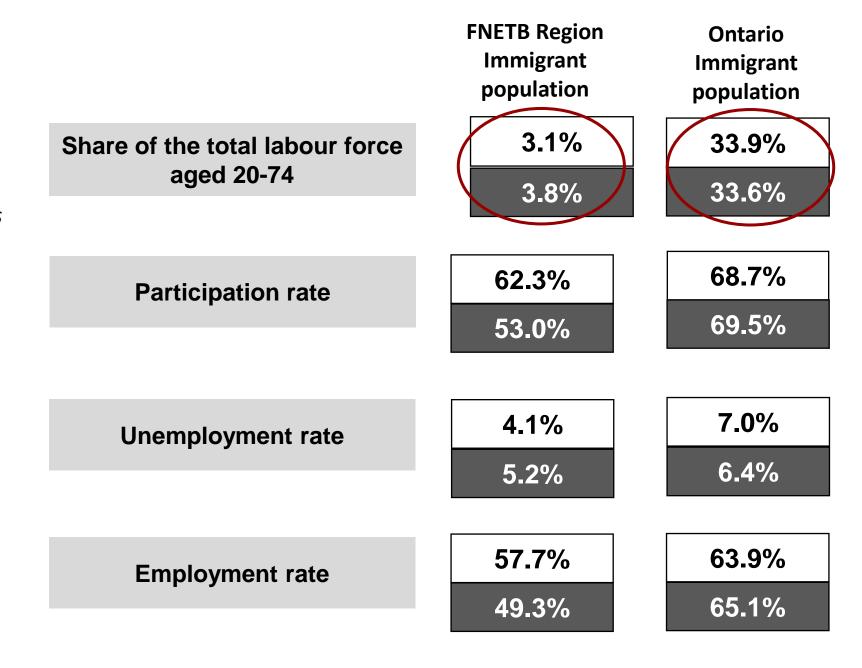
Employment rate

60.1% 62.0% 57.7% 33.1% FNETB REGION

2016

2006

Immigrants: 'Immigrants' includes persons who are, or who have ever been, landed immigrants or permanent residents. Such persons who have been granted the right to live in Canada permanently by immigration authorities. Immigrants who have obtained Canadian citizenship by naturalization are included in this category.



NORTH CLAYBELT 2016

55% 17% 16,205 Total population 20-74 aged 50 - 74 aged 65-74 9,980 Total in the labour force 39% 3% 20-74 aged 50 - 74 61.6% aged 65-74 6,225 80% 39% Total not in the labour force 20-74 aged 50 - 74 aged 65-74 38.4% Total not in the labour 1,270 force 20-49

NORTH CLAYBELT 2016

University – above bachelor

1,270

Total not in the labour force 20-49

53.9%

aged 20 - 34

25

2.4

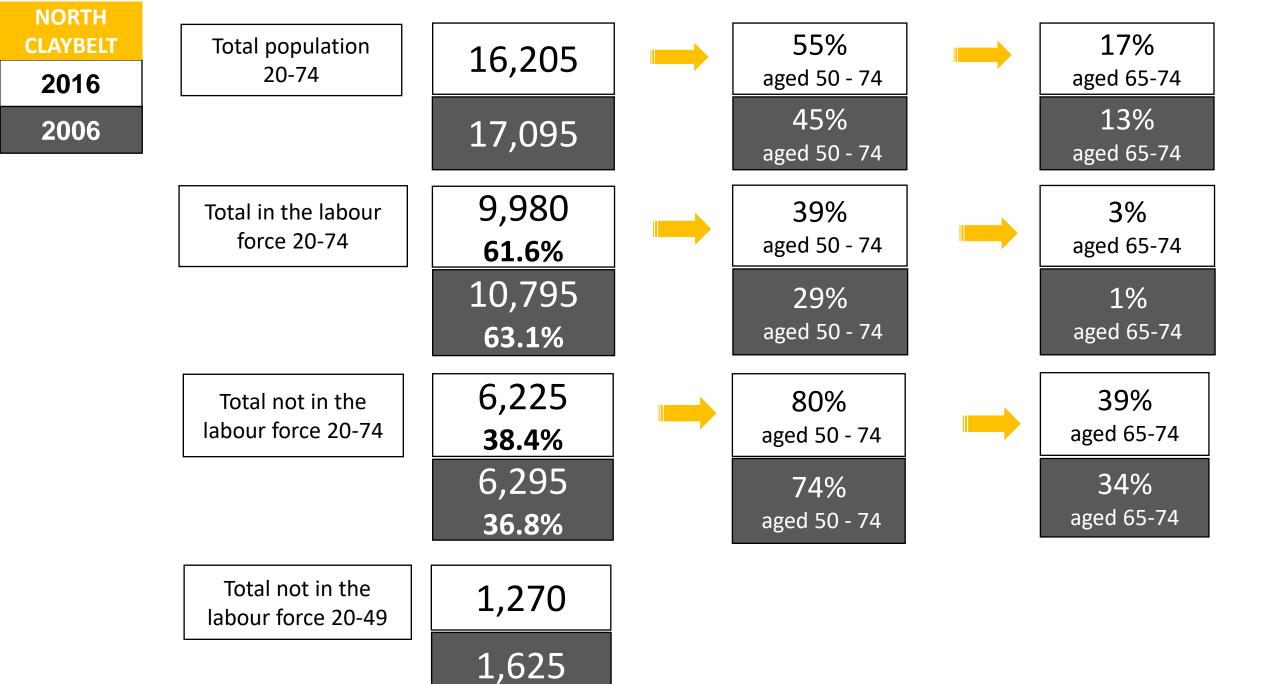
	#	%
Total	685	100.0
No certificate, degree or diploma	250	36.5
High school diploma or equivalent	290	42.3
Apprenticeship / Trades	50	7.3
College, CEGEP, other non-university	75	10.9
University – below bachelor	0	0



46.1%

aged 35 - 49

	#	%
Total	585	100.0
No certificate, degree or diploma	145	24.8
High school diploma or equivalent	220	37.6
Apprenticeship / Trades	70	12.0
College, CEGEP, other non-university	105	17.9
University – below bachelor	0	0
University – above bachelor	50	8.5

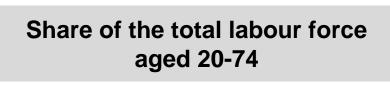


NORTH
CLAYBELT

2016

2006

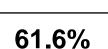
Aboriginal identity refers to whether the person identified with the Aboriginal peoples of Canada. This includes those who are First Nations (North American Indian), Métis or Inuk (Inuit) and/or those who are Registered or Treaty Indians (that is, registered under the Indian Act of Canada), and/or those who have membership in a First Nation or Indian band.



Participation rate



Employment rate



Overall

population

63.1%

10.3%

8.3%

55.3%

57.9%

Aboriginal identity

10.4%

5.9%

66.9%

63.2%

17.1%

11.2%

51.6%

54.7%



Could what this information reveals have an impact on businesses/employers, individuals, the community? What are those impacts?

Could what this information reveals influence the programs and services that you offer? How?



FAR NORTHEAST TRAINING BOARD (FNETB) your Local Employment Planning Council

COMMISSION DE FORMATION DU NORD-EST (CFNE) votre Conseil Local de Planification de l'Emploi

800-530-9176 or 705-362-5788 julie_joncas@ntl.sympatico.ca www.fnetb.com





