# MAKING SENSE OF LABOUR MARKET INFORMATION

Part 2 – <u>CHAPLEAU</u> Labour Market Demand

FALL 2020







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To support evidence-based planning to ensure that the development and implementation of programs/services/interventions is informed by the most current, relevant and reliable LMI (evidence).

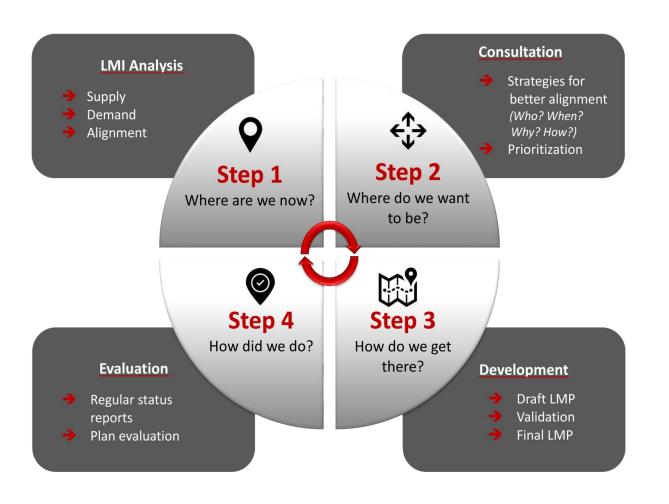


- Using evidence and local knowledge, collectively identify:
  - local labour market demand challenges and opportunities
  - local labour market supply challenges and opportunities
- Look at how/if local programs and services align with those challenges and opportunities.



# FAR NORTHEAST TRAINING BOARD (FNETB)

**Local labour Market Planning Framework** 

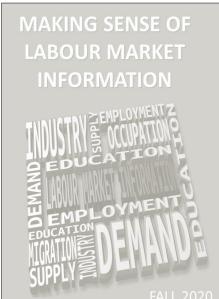


- Local labour market information is easily and readily available and used to inform local labour market planning decisions.
- Education, training, and employment programs are aligned with local labour market needs.
- Employers have access to the workers that they need.
- The local workforce is diverse and inclusive.
- The delivery of employment and training programs and services is coordinated and seamless.







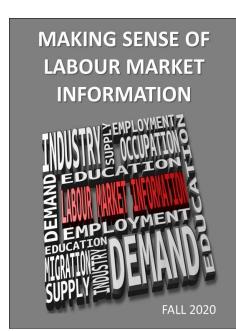


Introduction to **Labour Market** Information (LMI)

PART 1







# PART 2

# **Local Labour Market** Demand

Where the jobs are





# **MAKING SENSE OF LABOUR MARKET INFORMATION**



# PART 3

**Local Labour Market** Supply

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



Ontario 😚

# **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
- 8. Income

# **OTHER DATA:**

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



214 businesses in Chapleau (June 2020)

**54.2%** of those businesses had no employees

# **Change in the Number of Businesses by Employee Size Range** Chapleau, June 2018 to June 2020

			СНАР	LEAU			SUDBURY DISTRICT	ONTARIO
	June	2018	June	2019	June	2020	June 2020	June 2020
	44	% of	#	% of	#	% of	% of	% of
	#	total	#	total		total	total	total
0	116	54.2	116	55.8	111	53.6	59.5	69.8
1-9	69	32.2	63	30.3	67	32.4	29.7	22.9
10-49	23	10.7	23	11.1	24	11.6	8.8	5.8
50-99	4	1.9	3	1.4	5	2.4	1.3	0.8
100+	2	0.9	3	1.4	0	0	0.6	0.6
Total	214		208		207			

**TOP 3** industries with the highest number of establishments, Chapleau - June 2018



531 – Real Estate **24** 



721 – Accommodation Services **20** 



113 – Forestry and Logging 18

# Employment by Industry – 2001 – 2016

		СНАР	LEAU		SUDBURY DISTRICT ONTARIO				ONTARIO			
	2001	2006	2011	2016	2001	2006	2011	2016	2001	2006	2011	2016
Goods Producing	30.9%	29.9%	26.1%	27.8%	24.3%	30.1%	27.8%	30.5%	25.2%	22.8%	19.5%	19.3%
Services	68.4%	68.5%	69.2%	73.7%	68.9%	69.9%	71.8%	69.5%	74.8%	77.2%	80.5%	80.7%

Source: Statistics Canada, 2001, 2006,2011 and 2016 National Household Survey

 Historicaly, in Chapleau and in the Sudbury District employment is more highly concentrated in Goods Producing industries compared to the province.

**Goods Producing industries** = agriculture, forestry, fishing and hunting, mining and oil and gas extraction, utilities, construction and manufacturing.

# Employment by Industry – 2011 – 2016

			СНАР	LEAU		SUDBURY DISTRICT	ONTARIO
		Total 2011	% of total	Total 2016	% of total	% Of total	% Of total
	All industries	1 170	100,0	990	100,0		
	Goods producing industries	305	26.1	275	27.8	30.5	19.3
11	Agriculture, forestry, fishing and hunting	115	9,8	85	8,6	4,5	1.5
21	Mining and oil and gas extraction	0	0,0	15	1,5	5,1	0.5
22	Utilities	0	0,0	15	1,5	1,1	0.7
23	Construction	50	4,3	45	4,5	8,9	6.8
31-33	Manufacturing	140	12,0	115	11,6	10,9	9.8
	Service industries	16,665	73.7	16,070	73.1	69.5	80.7
41	Wholesale Trade	0	0,0	0	0,0	2,0	3.9
44-45	Retail Trade	110	9,4	100	10,1	11,5	11.2
48-49	Transportation and warehousing	280	23,9	135	13,6	7,1	4.7
51	Information and cultural industries	0	0,0	15	1,5	1,0	2.5
52	Finance and insurance	40	3,4	10	1,0	1,7	5.5
53	Real estate and rental and leasing	0	0,0	10	1,0	1,1	2.1
54	Professional, scientific and technical services	0	0,0	15	1,5	3,2	8.1
55	Management of companies and enterprises	0	0,0	0	0,0	0,0	0.2
56	Administrative and support, waste management and remediation services	0	0,0	25	2,5	2,4	4.9
61	Educational services	85	7,3	95	9,6	6,5	7.6
62	Health care and social assistance	155	13,2	125	12,6	12,2	10.8
71	Arts, entertainment and recreation	0	0,0	10	1,0	1,3	2.1
72	Accommodation and food services	55	4,7	60	6,1	9,1	6.9
81	Other services (except public administration)	0	0,0	35	3,5	3,1	4.3
91	Public administration	85	7,3	95	9,6	7,4	6.0

Source: Statistics Canada, 2011 and 2016 National Household Survey

# **TOP 3** industries by total employment Chapleau - 2016



48-49 – Transportation and Warehousing **135** 



62 – Health Care and Social Assistance **125** 



31-33 – Manufacturing **115** 

### **GREEN**

Higher proportion than the province

### **RED**

Lower proportion than the province

# Change in Total Employment by Industry, 2016 to 2019, NE Economic Region

	NORTH	IEAST EC	ONOMIC R	EGION	Chan 2016-2	_
	2016	2017	2018	2019	#	%
Goods-producing sector	57,400	60,500	61,800	59,900	2,500	4.4
% of total	23.2	24.7	24.7	24.0		
Agriculture	1,800	1,700	1,700	1,900	100	5.6
Forestry, fishing, mining, oil and gas	17,500	17,200	17,600	18,900	1,400	8.0
Utilities	3,100	2,900	3,000	3,700	600	19.4
Construction	19,100	21,200	21,300	21,700	2,600	13.6
Manufacturing	15,900	17,500	18,200	13,700	-2,200	-1.4
Services-producing sector	190,400	185,000	188,000	189,500	-900	-0.5
% of total	76.8	75.3	75.3	76.0		
Wholesale and retail trade	39,000	36,700	37,100	38,800	-200	-0.5
Transportation and warehousing	13,900	12,200	11,300	11,600	-2,300	-16.5
Finance, insurance, real estate and leasing	8,900	9,100	9,100	9,000	100	1.1
Professional, scientific & technical services	10,200	9,100	11,000	10,800	600	5.9
Business, building & other support services	9,000	8,300	9,900	9,000	0	0.0
Educational services	19,100	19,600	19,400	19,400	300	1.6
Health care and social assistance	39,700	39,000	42,800	42,100	2,400	6.0
Information, culture and recreation	7,300	9,300	8,600	7,000	-300	-4.1
Accommodation and food services	16,900	16,100	14,600	14,700	-2,200	-13.0
Other services (except public administration)	9,000	10,600	8,500	11,100	2,100	23.3
Public administration	17,500	15,000	15,700	16,000	-1,500	-8.6
Total employed	247,800	245,500	249,800	249,400	1,600	0.6

Other services (except public administration (23.3%)

**Utilities (19.4%)** 

Construction (13.6%)

Transportation and warehousing (-16.5%)

Accommodation and Food Services (-13.0)

Public administration (-8.6%)

Source: Statistics Canada, CANSIM Table: 14-10-0092-01

# **Employment by Occupation – 2011 to 2016**

			СНАР	LEAU		SUDBURY DISTRICT	ONTARIO
		2011	%	2016	%	%	%
		Total	of total	Total	of total	of total	of total
	Total all occupations	1 170	100,0	985	100,0		
0	Management	100	8,5	40	4,1	10,3	11.3
1	Business, finance and administration	190	16,2	85	8,6	12,2	16.1
2	Natural and applied sciences and related	25	2,1	40	4,1	4,5	7.4
3	Health	40	3,4	70	7,1	7,2	6.4
4	Education, law and social, community and government services	140	12,0	150	15,2	9,9	11.9
5	Art, culture, recreation and sport	0	0,0	10	1,0	1,3	3.2
6	Sales and services	230	19,7	210	21,3	22,5	23.4
7	Trade, transport and equipment operators and related	300	25,6	255	25,9	21,3	13.3
8	Natural resources, agriculture and related production	65	5,6	60	6,1	5,5	1.6
9	Manufacturing and utilities	80	6,8	70	7,1	5.4	5.2

### **GREEN**

Higher proportion than the province

### **RED**

Lower proportion than the province

# **TOP 3** occupations by total employment Chapleau - 2016



7 – Trades, Transport and
Equipment Operators and
Related 255



6 – Sales and Service **210** 



4 – Education, Law & Social,
Community &
Government Services 150

Source: Statistics Canada, 2011 and 2016 National Household Survey

# **Employment by Occupation – 2016 to 2019**

			THEASTE		Char 2016-2	-	
		2016	2017	2018	2019	#	%
0	Management	19,400	17,700	19,300	18,000	-1,400	-7.2
1	Business, finance, and administration	35,100	35,000	35,900	36,900	1,800	5.1
2	Natural and applied sciences and related	11,200	10,900	13,200	13,500	2,300	20.5
3	Health	20,500	22,200	22,600	23,500	3,000	14.6
4	Education, law and social, community and government services	29,400	30,900	31,100	32,300	2,900	9.9
5	Art, culture, recreation and sport	4,200	4,200	4,200	4,900	700	16.7
6	Sales and service	63,100	58,500	58,900	57,400	-5,700	-9.0
7	Trades, transport and equipment operators and related	45,900	46,000	44,000	44,400	-1,500	-3.3
8	Natural resources, agriculture and related production	11,500	11,200	11,500	12,300	800	6.9
9	Manufacturing and utilities	7,500	9,000	9,200	6,400	-1,100	-14.7
	Total employed	247,800	245,500	249,800	249,600	1,800	0.72

Source: Statistics Canada. Table 14-10-0312-01 Employment by Economic Regions and Occupation, Annual

Health (+3,000)
Education, law and social, community and government services (+2,900)
Natural and applied sciences and related (+2,300)



Sales and service (-5,700)

Trades, Transport and
Equipment Operators and Related
(-1,500)

Management (-1,400)

# **985** total employed in 2016

# **CHAPLEAU**

45.2%







54.8%

# TOP 3 INDUSTRIES IN WHICH WOMEN ARE MORE HIGHLY REPRESENTED

Health Care & Social Assistance **96.0%** 



Educational Services 89.5%

**Accommodation & Food Services** 

83.3%

100.0%

# TOP 3 INDUSTRIES IN WHICH MEN ARE MORE HIGHLY REPRESENTED

Mining, Quarrying & Oil & Gas Extraction

Agriculture, Forestry, Fishing

& Hunting **94.1%** 

Manufacturing 91.3%

# TOP 3 OCCUPATIONS IN WHICH WOMEN ARE MORE HIGHLY REPRESENTED



Health **92.9%** 

Business, Finance & Administration

88.2%

Sales and Service 73.8%

# TOP 3 OCCUPATIONS IN WHICH MEN ARE MORE HIGHLY REPRESENTED

Natural Resources, Agriculture & Related Production

100.0%

Trades, Transport & Equipment

Operators & Related **96.1%** 

Manufacturing and Utilities **92.9%** 





In the FNETB region, an important number of workers, in many occupations become eligible to retire between 2016 and 2036.

2015205

97,820

Total labour force 15+ in the FNETB region

64,045

Employed labour force 15+ in the FNETB region

27,675

Number of potential retirements in the FNETB region

43.2%

Of the <u>employed</u> labour force



# **5,020** (60-64)

Trades, Transport & Equipment Operators and Related (1190)
Sales & Service (1155)
Business, Finance, Admin (675)
Management (525)
Education, Law & Social, Community & Gov't (480)

# **8,190** (50-54)

Trades, Transport & Equipment Operators and Related (1765)
Sales & Service (1500)
Business, Finance, Admin (1250)
Management (900)
Education, Law & Social, Community & Gov't (855)

2016-2021

2021-2026

2026-2031

2031-2036

1

**7,685** (55-59)

Trades, Transport & Equipment Operators and Related (1675)
Sales & Service (1525)
Business, Finance, Admin (1065)
Management (840)
Education, Law & Social, Community & Gov't (780)

**6,780** (45-49)

Trades, Transport & Equipment Operators and Related (1395)
Sales & Service (1085)
Education, Law & Social, Community & Gov't (985)
Business, Finance, Admin (950)
Management (615)

In the Superior East region, an important number of workers, in many occupations become eligible to retire between 2016 and 2036.

2015205

6,165

Total labour force 15+ in the Superior East region

4,135

Employed labour force 15+ in the Superior East region

1,730

Number of potential retirements in the Superior East region

41.8%

Of the <u>employed</u> labour force



Trades, Transport and Equipment Operators and Related (75)
Sales and Service (90)
Business, Finance and Administration (45)
Management (30)
Education, Law and Social, Community and Government (25)

Trades, Transport and Equipment
Operators and Related (160)
Sales and Service (75)
Business, Finance and Administration (65)
Management (45)
Education, Law and Social, Community and
Government (55)

**505** 

1

325

2016-2021

2021-2026

2026-2031

2031-2036

365



535

Trades, Transport and Equipment Operators and Related (150)

Sales and Service (110)

Business, Finance and Administration (55)

Management (60)

Education, Law and Social, Community and

Government (55)

Trades, Transport and Equipment

Operators and Related (95)

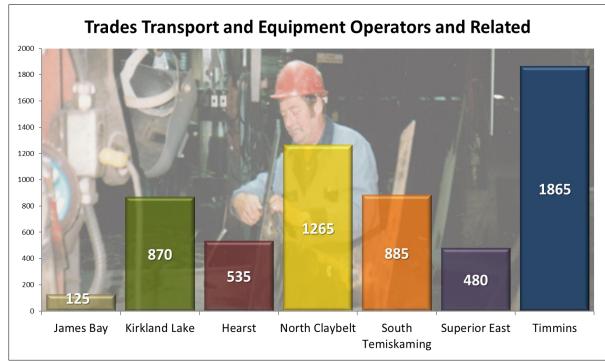
Sales and Service (65)

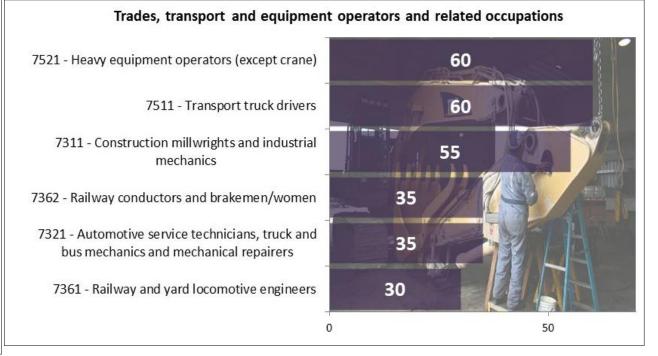
Education, Law and Social, Community

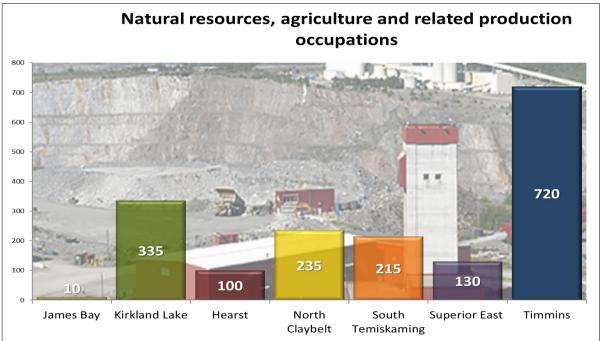
and Government (30)

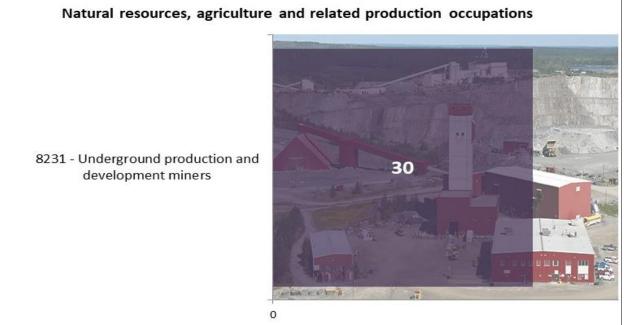
Business, Finance and Administration (55)

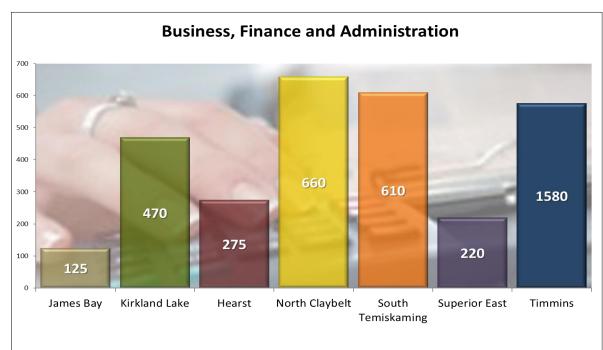
Management (25)

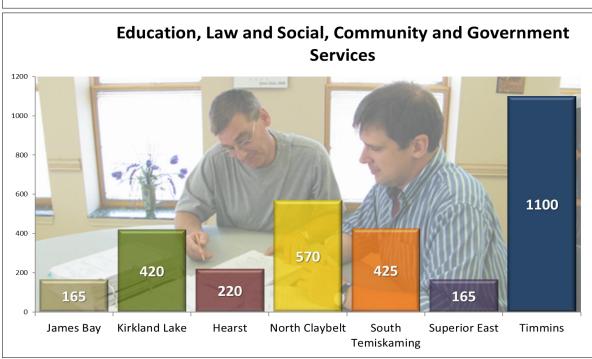


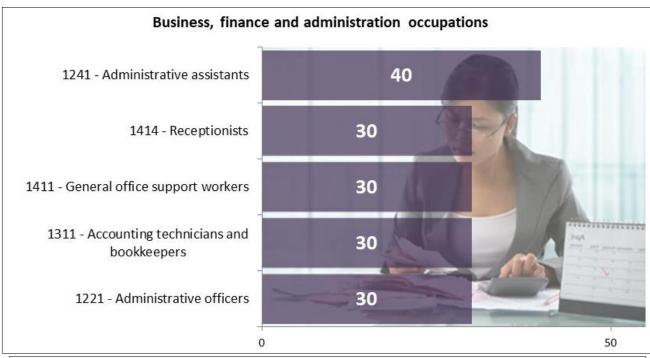


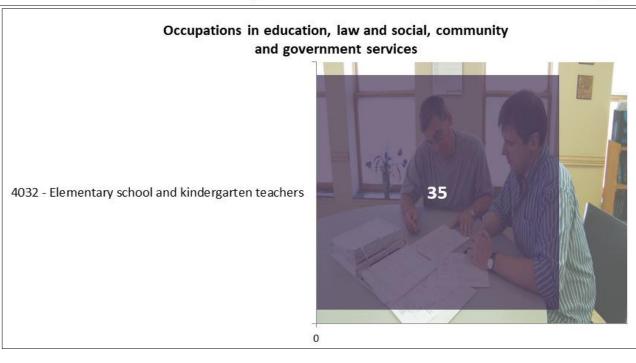


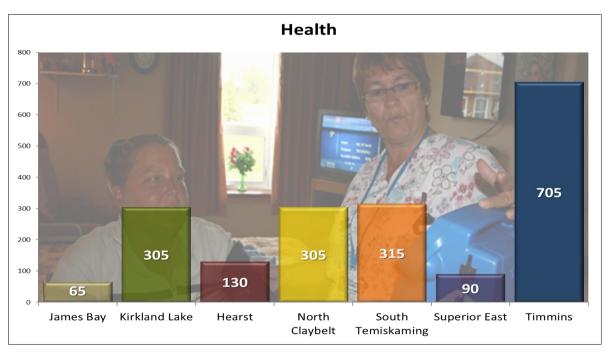


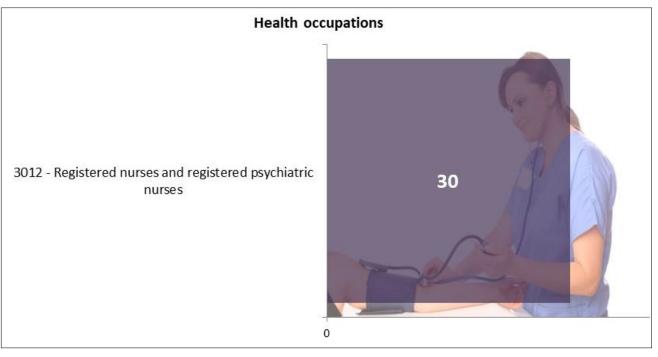


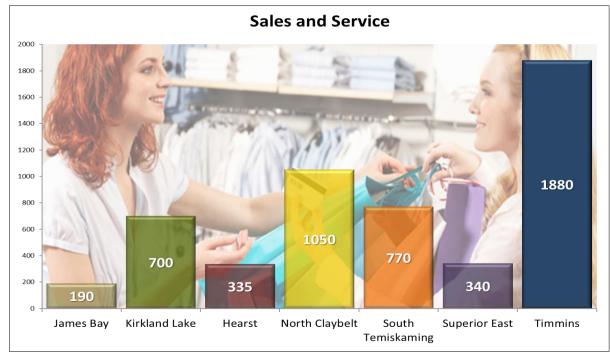










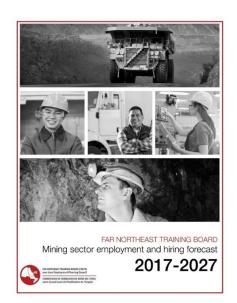




# HOW DO THOSE STATS TRANSLATE IN THE FIELD?

INPUT COLLECTED FROM LOCAL INDUSTRIES

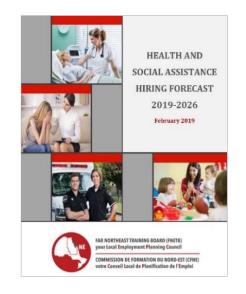




# Mining Hiring Forecast (by 2027) – 63 respondents

1,932 jobs (68% retirements), 887 jobs (31% expansion) = **2,819** workers

(Underground and production miners, Millwrights, Industrial mechanics, Heavy equipment operators, Heavy duty equipment mechanics, Industrial electricians, Truck drivers, Welders)



# Health Care and Social Assistance (by 2026) – 91 respondents

640 jobs (80% retirements), 156 (19% expansion) = **796** workers

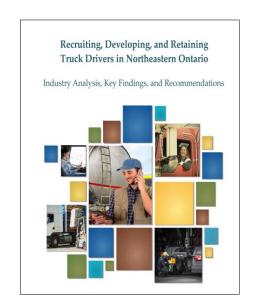
(Personal support workers, Nurses, Home support workers, Housekeepers, Administrative occupations, Senior management positions, Physicians and doctors, Community and social service professionals



# Forestry Sector Hiring Forecast (by 2029) – 12 respondents

424 jobs (77% retirements), 123 jobs (22% expansion) = **547** workers

(Labourers in wood, pulp and paper processing, Logging machinery operators, Millwrights, Industrial mechanics, Heavy equipment operators, Heavy duty equipment mechanics, Supervisors, logging and forestry)



# Recruiting, Developing and Retaining Truck Drivers

Highest in-demand occupations in the region. In Superior East 68.2% of employed truck drivers in 2016 were 45+.

# Trades, transport and equipment operators and related occupations

13,440

Total labour force 15+ employed in 2016 **44.8%**Of the

Of the employed labour force

6,025

Potential retirements 2016-2036



NOC	Trade	% 45+ In 2016
7511	Transport Truck Drivers	63.7
7311	Construction Millwrights and Industrial Mechanics	58.4
7521	Heavy Equipment Operators (except crane)	74.7
7611	Construction Trades Helpers and Labourers	33.5
7321	Automotive Service Technicians, Truck and Bus Mechanics	37.9
7312	Heavy Duty Equipment Technicians	27.6
7237	Welders and Related Machine Operators	50.0
7271	Carpenters	58.2
7242	Industrial Electricians	49.3
7241	Electricians (except industrial and power system)	41.4

















7511 - Truck Drivers (195) 7521 - Heavy Equipment Operators (130) 7311 - Construction Millwrights and Industrial Mechanics (140) 7321 - Automotive Service Technicians, Truck and Bus Mechanics and Mechanical Repairers (60) 7237 - Welders and Related Machine Operators (35) 7271 - Carpenters (30)

7511 - Truck Drivers (255)

7521 - Heavy Equipment Operators (145)

7311 - Construction Millwrights and Industrial Mechanics (140)

7321 - Automotive Service Technicians, Truck and

Bus

Mechanics and Mechanical Repairers (60)

7237 - Welders and Related Machine Operators (50)

7271 - Carpenters (65)

2016-2021

2021-2026

2026-2031

2031-2036



7511 - Truck Drivers (235)

7521 - Heavy Equipment Operators (220)

7311 - Construction Millwrights and Industrial Mechanics (170)

7321 - Automotive Service Technicians, Truck and Bus

Mechanics and Mechanical Repairers (50)

7237 - Welders and Related Machine Operators (65)

7271 - Carpenters (25)

7511 - Truck Drivers (245)

7521 - Heavy Equipment Operators (115)

7311 - Construction Millwrights and Industrial Mechanics (80)

7321 - Automotive Service Technicians, Truck and Bus

Mechanics and Mechanical Repairers (50)

7237 - Welders and Related Machine Operators (55)

7271 - Carpenters (10)





# FAR NORTHEAST TRAINING BOARD

**COVID – 19 BUSINESS IMPACT SURVEY RESULTS** 

# IMPACT OF COVID-19 ON BUSINESS OPERATIONS AND ON THE WORKFORCE

October 2020





Community	# of surveys
Kirkland Lake	54
Temiskaming Shores	104
Timmins	86
Kapuskasing	54
Hearst	64
Cochrane	33
Iroquois Falls	17
James Bay Coast	12
Chapleau	16
Total	440

1



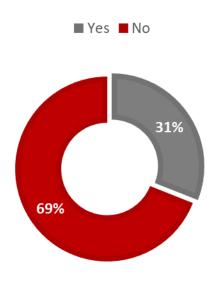
	All industries	Goods Producing	Services
HIGH This could put us out of business.	13%	6%	14%
<b>MEDIUM</b> This has a significant impact on our finances.	35%	32%	36%
LOW This may impact our finances, but we are confident that we can weather the storm.	38%	47%	35%
POSITIVE Our business has increased.	5%	4%	8%
NONE No impact on our business.	9%	10%	8%

	HIGH	MEDIUM	LOW	POSITIVE	NO IMPACT
All industries	13%	35%	38%	5%	9%
44-45 Retail Trade	16%	38%	38%	7%	0%
72 - Accommodation and Food Services	38%	35%	19%	5%	3%
91 – Others services (except public administration)	16%	34%	28%	9%	12%
62 – Health and Social Assistance	3%	47%	33%	3%	14%
23 - Construction	7%	27%	54%	4%	8%
11 – Agriculture, Forestry, Fishing and Hunting	4%	42%	37%	4%	17%

	All business types	Private	Not- for- profit	Gov't funded	0 EEs	1 to 19 EEs	20 to 49 EEs	50 + EEs
HIGH								
This could put us out of business.	13%	15%	9%	0%	32%	11%	9%	3%
MEDIUM								
This has a significant impact on our								
finances.	35%	37%	36%	15%	55%	33%	39%	24%
LOW								
This may impact our finances, but we are								
confident that we can weather the storm.	38%	38%	33%	45%	10%	40%	39%	51%
POSITIVE								
Our business has increased.	5%	4%	9%	6%	0%	6%	4%	9%
NONE								
No impact on our business.	9%	4%	9%	33%	1%	10%	9%	12%



# IS YOUR BUSINESS/ORGANIZATION CURRENTLY HIRING?



### OCCUPATIONS FOR WHICH LOCAL BUSINESSES ARE HIRING:

Several occupations were mentioned by survey respondents, those that were mentioned more frequently across all communities are:

Sales clerks, client service representatives.

Housekeeping and janitorial.

Personal support workers

Nurses

Truck drivers

**Heavy Equipment Operators** 

Welders

Administrative support

Managers

Trades (mechanics, welders).



## OCCUPATIONS SURVEY REPONDENTS IDENTIFIED AS BEING THE HARDEST TO FILL



Trades, Transport and Equipment
Operators and Related
Occupations



Sales and Service Occupations



Health Occupations



Business, Finance and Administrative Occupations

# MOVING FORWARD ANTICIPATED CHALLENGES AND OPPORTUNITIES



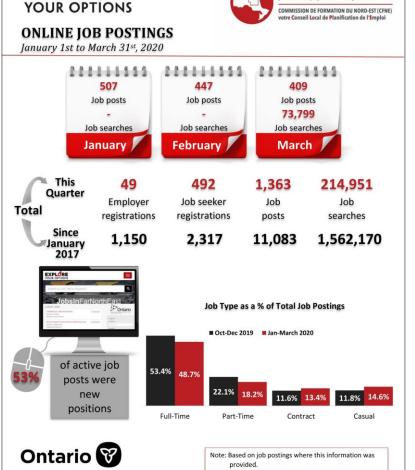
Given the situation on October 1, 2020, what do you anticipate for the coming months	If the situation remains at it currently is	If a second wave results in another shutdown
Number or responses to this question	312	312
We will be expanding our services to meet an increased demand.	13%	6%
We will be bringing back laid-off employees.	5%	2%
We will be hiring for new positions.	19%	5%
We will continue full-time operations with required safety measures in place.	68%	28%
We will continue part-time operations with required safety measures in place.	20%	21%
We will continue full-time operations remotely.	11%	18%
We will continue part-time operations remotely.	7%	12%
We will be reducing our workforce due to a decrease in business	5%	20%
We will close temporarily	4%	21%
We will close permanently	1%	4%
Other (please specify)		

# **JOB** POSTINGS \_\_\_

# Profile Table 3.4 - Number of job postings by occupation in 2019

Source: Vicinity Jobs

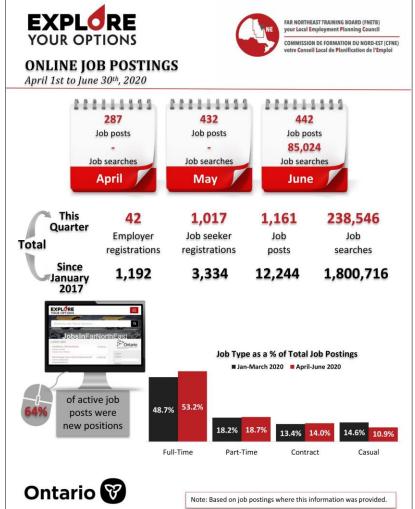
	FNETB REGION						
	2019				2020		
OCCUPATION	Q1 Jan- Mar	Q2 Apr- June	Q3 July- Sept	Q4 Oct- Dec	Q1 Jan- Mar	Q2 Apr- June	Q3 July- Sept
0 - Management	131	128	51	83	116	83	•
1 - Business, finance and administration	143	127	73	111	104	89	
2 - Natural and applied sciences and related	55	45	29	37	39	31	
3 - Health	92	97	80	102	65	37	
4 - Education, law and social, community and government services	79	71	58	65	58	38	
5 - Art, culture, recreation and sport	12	326	1	6	6	1	
6 - Sales and services	322	220	204	231	218	216	
7 - Trade, transport and equipment operators and related	200	21	131	148	142	135	
8 - Natural resources, agriculture, and related production	23	14	15	19	25	31	
9 - Manufacturing and utilities	18	175	7	19	17	17	

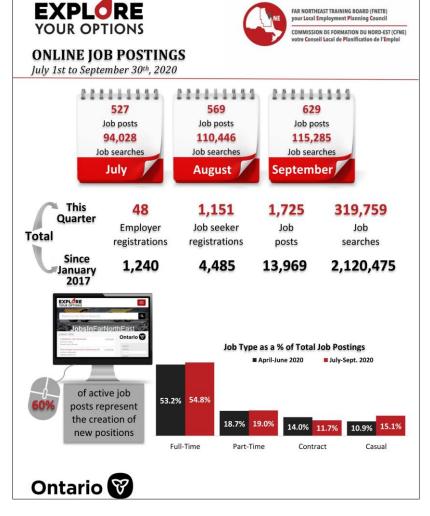


FAR NORTHEAST TRAINING BOARD (FNETB)

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**EXPLORE** 

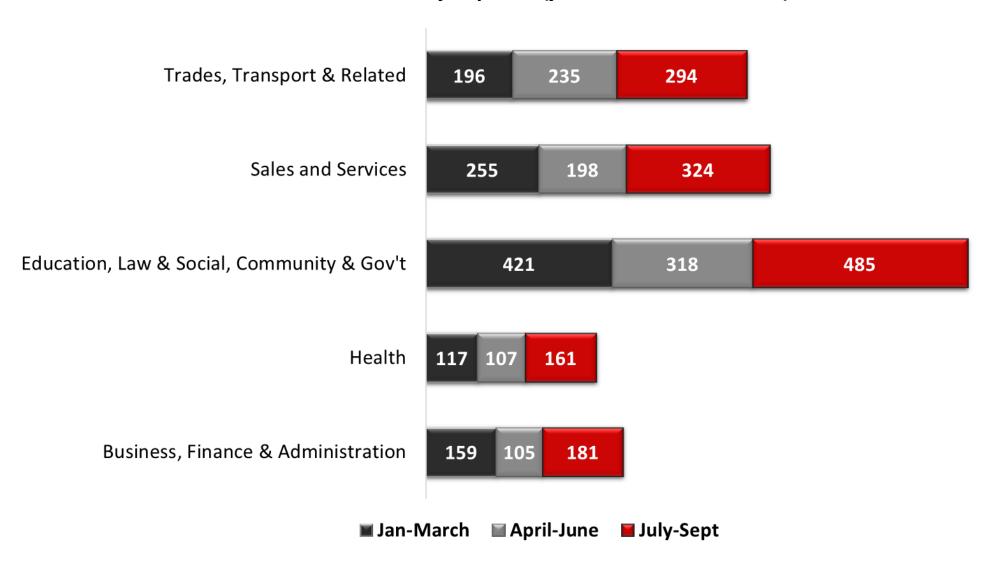




https://fnetb.com/quarterly\_report/july-1st-to-september-30th-2020/

# 2020 – QUARTERLY POSTINGS BY OCCUPATION (1 DIGIT NOC)

Source: Local job portal (jobsinfarnortheast.com)





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

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