

Labour Market Information for Construction Sector

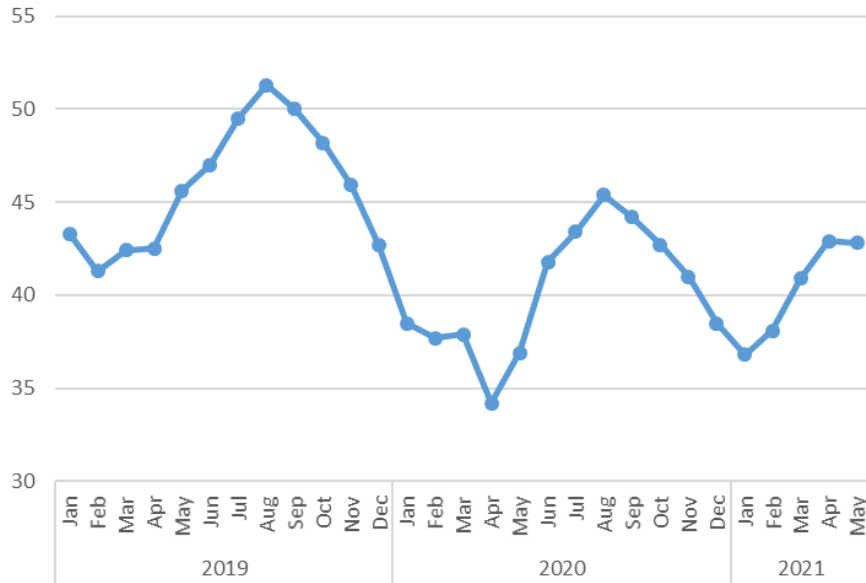
Prepared by Labour Market Intelligence Unit,
Ministry of Immigration and Career Training
Updated June 9, 2021

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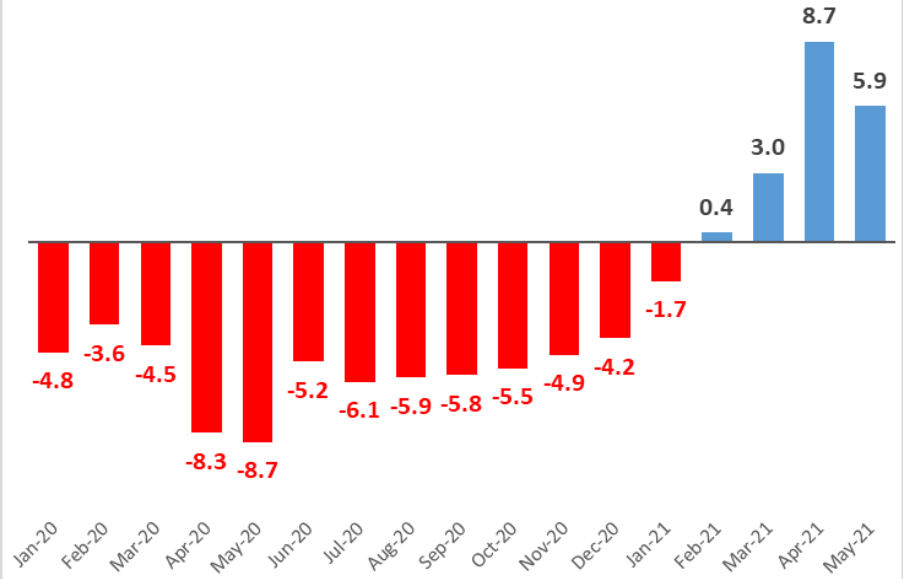
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Trend in Employment in Construction Sector

Employment in construction (000s)

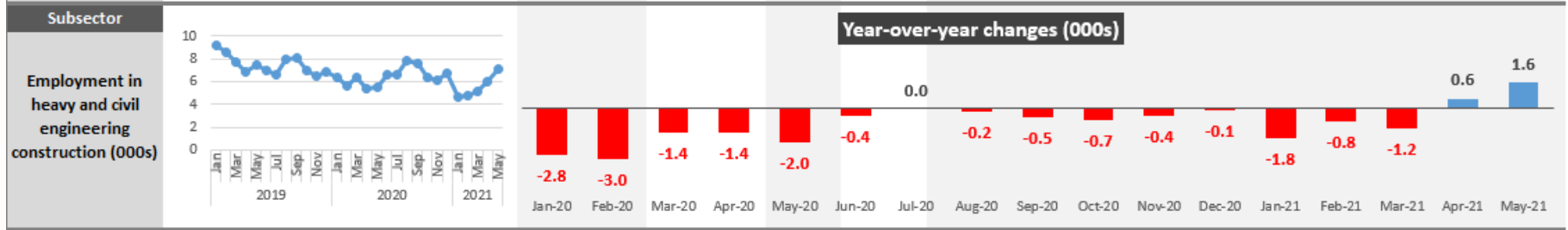


Year-over-year changes (000s)

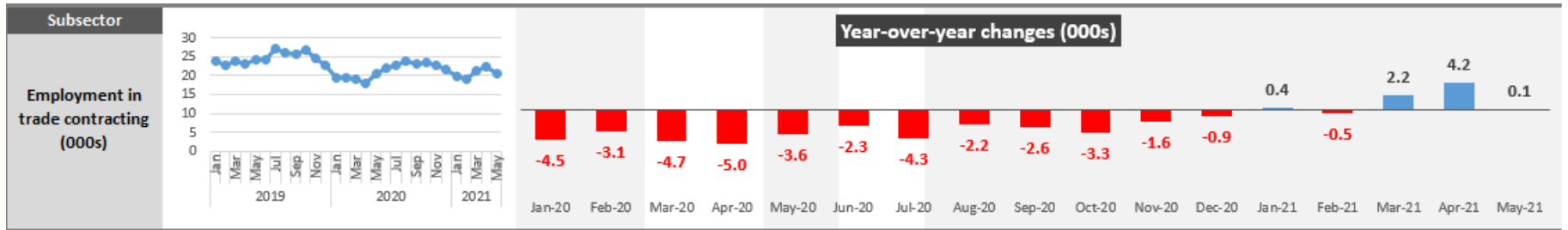


Trend in Employment in Construction Subsectors

- Heavy and Civil Engineering Construction Sector

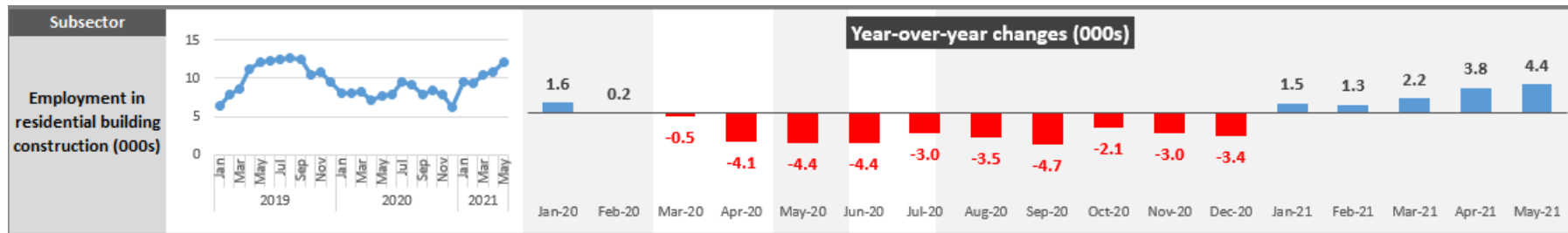


- Trade Contracting Sector

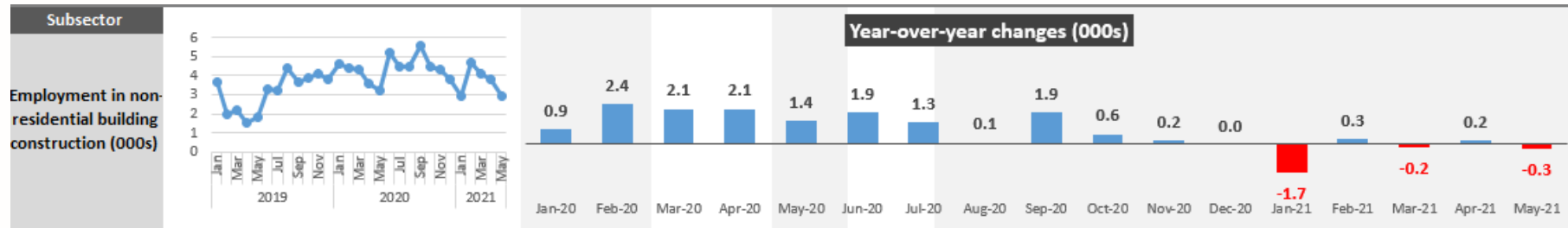


Trend in Employment in Construction Subsectors (cont..)

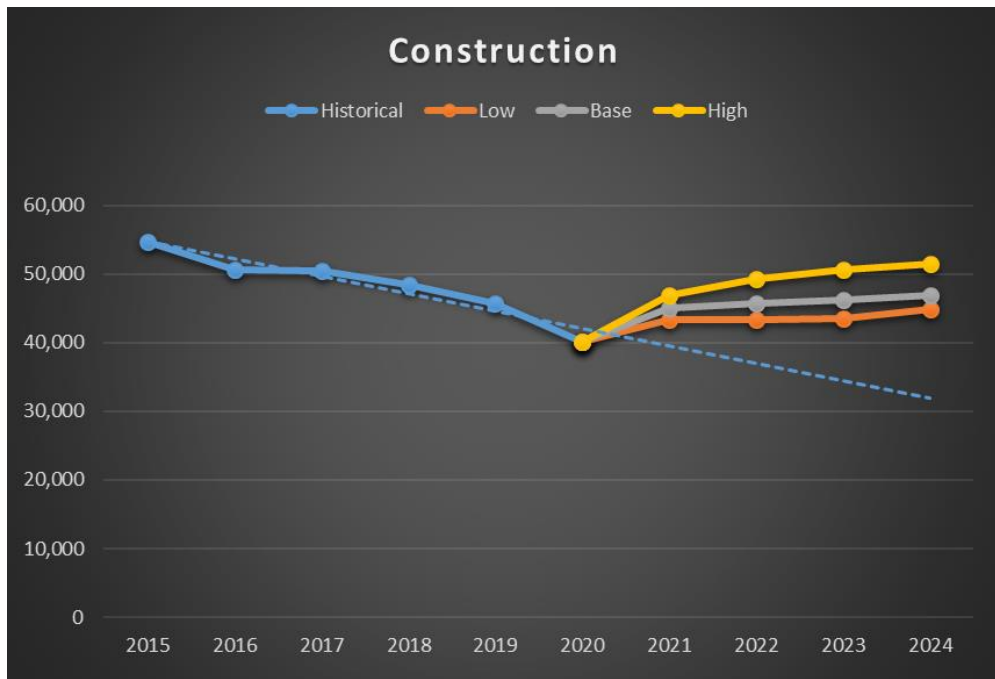
- Residential Building Construction Sector



- Non-Residential Building Construction Sector



Forecasted Employment Recovery in Construction Sector



Scenarios

Base: Macroeconomic and labour forecast based on the Saskatchewan Ministry of Finance outlook used in the budget.

High: Macroeconomic and labour forecast with the assumption of a more rapid move to normal from COVID-19.

Low: Macroeconomic and labour forecast with the assumption of a more significant longer COVID-19 impacts.

YEAR	Scenario		
	Low	Base	High
2019	100.0%	100.0%	100.0%
2020	87.8%	87.8%	87.8%
2021	94.5%	98.4%	102.4%
2022	94.5%	99.9%	107.7%
2023	95.2%	101.0%	110.7%
2024	98.1%	102.5%	112.4%

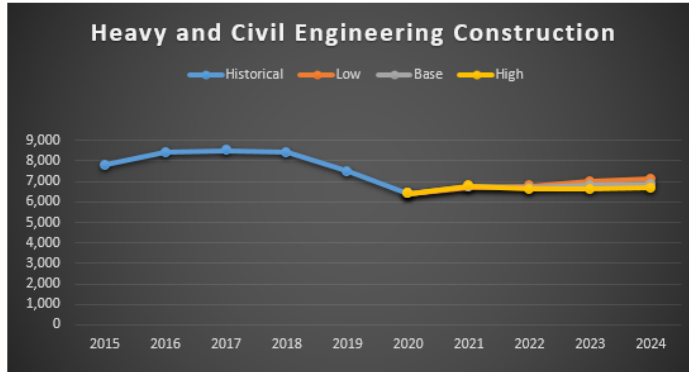
Note: 2019 is the base year.

YEAR	Scenario		
	Low	Base	High
2019			
2020	-5,600	-5,600	-5,600
2021	-2,500	-700	1,100
2022	-2,500	0	3,500
2023	-2,200	500	4,900
2024	-900	1,100	5,700

Note: 2019 is the base year; numbers are rounded to nearest 100

Forecasted Employment Recovery in Construction Subsectors

Heavy and Civil Engineering Construction Sector



YEAR	Scenario		
	Low	Base	High
2019	100.0%	100.0%	100.0%
2020	85.3%	85.3%	85.3%
2021	89.5%	90.0%	90.4%
2022	90.4%	89.0%	88.3%
2023	93.1%	90.7%	88.2%
2024	94.9%	91.7%	89.0%

Note: 2019 is the base year.

YEAR	Scenario		
	Low	Base	High
2019			
2020	-1,100	-1,100	-1,100
2021	-800	-700	-700
2022	-700	-800	-900
2023	-500	-700	-900
2024	-400	-600	-800

Note: 2019 is the base year; numbers are rounded nearest 100

Trade Contracting Sector



YEAR	Scenario		
	Low	Base	High
2019	100.0%	100.0%	100.0%
2020	87.0%	87.0%	87.0%
2021	92.8%	95.6%	98.4%
2022	93.5%	96.4%	101.1%
2023	94.9%	97.3%	102.5%
2024	97.5%	98.8%	104.0%

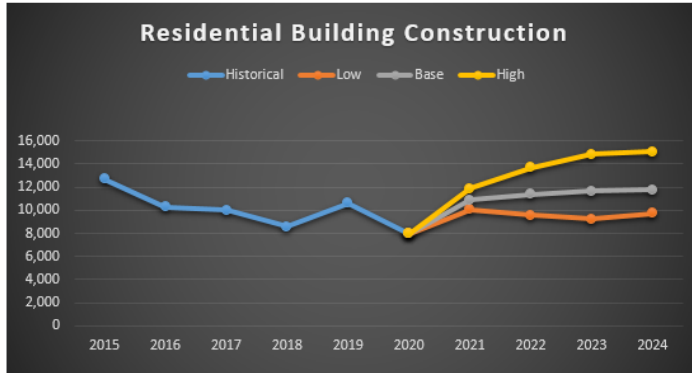
Note: 2019 is the base year.

YEAR	Scenario		
	Low	Base	High
2019			
2020	-3,200	-3,200	-3,200
2021	-1,800	-1,100	-400
2022	-1,600	-900	300
2023	-1,200	-700	600
2024	-600	-300	1,000

Note: 2019 is the base year; numbers are rounded nearest 100

Forecasted Employment Recovery in Construction Subsector

Residential Building Construction Sector



Annual Employment Recovery Rate for Residential Building Construction

YEAR	Scenario		
	Low	Base	High
2019	100.0%	100.0%	100.0%
2020	75.5%	75.5%	75.5%
2021	95.1%	102.9%	112.3%
2022	90.3%	107.6%	129.2%
2023	87.3%	109.9%	140.1%
2024	91.7%	111.2%	142.2%

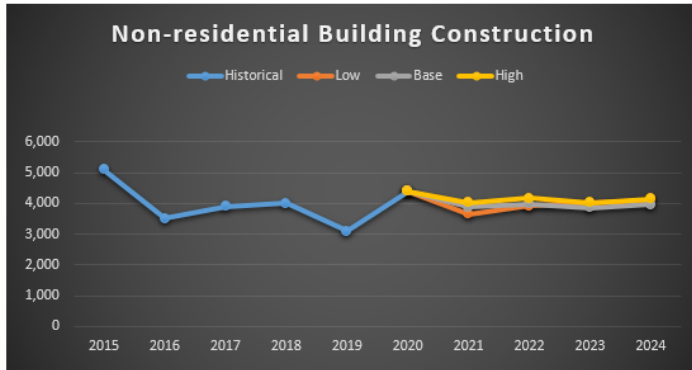
Note: 2019 is the base year.

Employment surplus/shortfalls for Residential Building Construction

YEAR	Scenario		
	Low	Base	High
2019			
2020	-2,600	-2,600	-2,600
2021	-500	300	1,300
2022	-1,000	800	3,100
2023	-1,300	1,100	4,300
2024	-900	1,200	4,500

Note: 2019 is the base year; numbers are rounded nearest 100

Non-Residential Building Construction Sector



Annual Employment Recovery Rate for Non-residential Building Construction

YEAR	Scenario		
	Low	Base	High
2019	100.0%	100.0%	100.0%
2020	141.9%	141.9%	141.9%
2021	118.0%	124.9%	129.5%
2022	126.5%	128.4%	134.2%
2023	128.8%	124.4%	129.6%
2024	132.5%	128.1%	133.7%

Note: 2019 is the base year.

Employment surplus/shortfalls for Non-residential Building Construction

YEAR	Scenario		
	Low	Base	High
2019			
2020	1,300	1,300	1,300
2021	600	800	900
2022	800	900	1,100
2023	900	800	900
2024	1,000	900	1,000

Note: 2019 is the base year; numbers are rounded nearest 100

Construction Sector Related Occupational Information

NOC	Description	2019 Employment	Occupation share of Industry	Sector's Share of Occ.'s Employment	Automation risk		Workforce Demographic (2016 Census)												
					Risk of the entire occupation being automated	Risk of tasks in the occupation being automated	Gender		Age group				Subpopulation						
							Male	Female	15 to 24 years	25 to 54 years	55 to 64 years	65 years and over	Aboriginal identity	Very recent immigrants, 5 years or less	Recent immigrants, 5+ to 10 years	Established immigrants, 10+ years	Born in Canada (non-aboriginal)		
7271	Carpenters	5,670	12%	88%	High	High	97%	3%	15%	61%	18%	5%	16%	4%	2%	2%	75%		
7611	Construction trades helpers and labourers	5,180	11%	79%	High	Medium	91%	9%	32%	55%	10%	2%	20%	3%	3%	2%	71%		
7241	Electricians (except industrial and power system)	3,290	7%	90%	Low	Medium	97%	3%	26%	62%	9%	4%	8%	1%	1%	3%	86%		
7251	Plumbers	2,440	5%	90%	Medium	Medium	99%	1%	19%	69%	9%	3%	10%	1%	1%	2%	85%		
7294	Painters and decorators (except interior decorators)	1,160	2%	85%	High	Medium	75%	25%	18%	57%	15%	10%	13%	7%	4%	5%	70%		
7284	Plasterers, drywall installers and finishers and lathers	1,030	2%	97%	High	High	97%	3%	13%	67%	16%	4%	18%	7%	0%	3%	72%		
7441	Residential and commercial installers and servicers	770	2%	56%	Medium	Medium	95%	5%	19%	64%	13%	4%	13%	2%	2%	5%	79%		
7233	Sheet Metal workers	560	1%	75%	High	Medium	98%	2%	21%	66%	12%	2%	9%	5%	0%	1%	84%		
7252	Steamfitters, pipefitters and sprinkler system installers	520	1%	63%	Medium	Medium	94%	6%	17%	68%	13%	2%	11%	3%	0%	1%	85%		
7295	Floor covering installers	500	1%	80%	High	High	94%	6%	9%	66%	21%	4%	9%	6%	6%	6%	74%		
7242	Industrial electricians	440	1%	28%	Low	Medium	98%	2%	9%	73%	15%	3%	9%	2%	2%	4%	83%		
7282	Concrete finishers	350	1%	86%	High	High	98%	2%	20%	62%	14%	3%	24%	1%	0%	7%	68%		
7236	Ironworkers	300	1%	57%	High	Low	96%	4%	16%	73%	8%	4%	22%	2%	1%	2%	72%		
7281	Bricklayers	300	1%	88%	High	Medium	99%	1%	17%	59%	17%	7%	21%	8%	3%	3%	64%		
7291	Roofers and shinglers	270	1%	39%	High	Medium	96%	4%	33%	60%	7%	0%	39%	4%	1%	3%	52%		
7293	Insulators	250	1%	78%	High	Medium	93%	7%	12%	75%	12%	0%	16%	2%	0%	2%	80%		
7371	Crane operators	230	0%	46%	High	High	100%	0%	5%	68%	18%	9%	11%	2%	3%	0%	85%		
7283	Tilesetters	180	0%	80%	High	High	95%	5%	7%	78%	10%	5%	8%	20%	0%	5%	68%		
7292	Glaziers	120	0%	45%	High	Medium	98%	2%	18%	73%	4%	4%	8%	15%	0%	0%	77%		
7272	Cabinetmakers	40	0%	16%	High	High	89%	11%	8%	65%	20%	8%	6%	11%	5%	6%	73%		
9414	Concrete, clay and stone forming operators	40	0%	29%	High	High	100%	0%	26%	58%	16%	0%	13%	6%	6%	0%	75%		

NOC	Description	2019 Employment	Occupation share of Industry	Sector's Share of Occ.'s Employment	Labour Forecasting Scenarios (2020 to 2024)						Competing Industry			
					Forecasted Total Job Openings (2020 to 2024) - Low	Forecasted Total Job Openings (2020 to 2024) - Base	Forecasted Total Job Openings (2020 to 2024) - High	Forecasted Recovery Year to its 2019 Employment Level -Low	Forecasted Recovery Year to its 2019 Employment Level -Base	Forecasted Recovery Year to its 2019 Employment Level -High	Competing Industry 1	Competing Industry 2	Competing Industry 3	Competing Industry 4
7271	Carpenters	5,670	12%	88%	237	866	1,991	No recovery during 5 years	2022	2021	Manufacturing [2.3%]	Educational services [1.6%]	Wholesale and retail trade [1.5%]	
7611	Construction trades helpers and labourers	5,180	11%	79%	80	467	1,217	No recovery during 5 years	2024	2021	Manufacturing [4.7%]	Forestry, fishing, mining, quarrying, oil and gas [3.8%]	Public administration [3.1%]	
7241	Electricians (except industrial and power system)	3,290	7%	90%	60	131	314	No recovery during 5 years	No recovery during 5 years	2023	Educational services [1.9%]	Health care and social assistance [1.5%]	Other services (except public administration) [1.5%]	
7251	Plumbers	2,440	5%	90%	31	73	202	No recovery during 5 years	No recovery during 5 years	2023	Health care and social assistance [1.8%]	Forestry, fishing, mining, quarrying, oil and gas [1.7%]	Manufacturing [1.7%]	
7294	Painters and decorators (except interior decorators)	1,160	2%	85%	76	105	182	No recovery during 5 years	No recovery during 5 years	2022	Professional, scientific and technical services [2.6%]	Wholesale and retail trade [2.1%]	Health care and social assistance [1.9%]	
7284	Plasterers, drywall installers and finishers and lathers	1,030	2%	97%	45	82	172	No recovery during 5 years	No recovery during 5 years	2022	Professional, scientific and technical services [1.0%]	Wholesale and retail trade [1.0%]	Finance, insurance, real estate, rental and leasing [1.0%]	
7441	Residential and commercial installers and servicers	770	2%	56%	29	61	138	No recovery during 5 years	No recovery during 5 years	2022	Wholesale and retail trade [14.5%]	Manufacturing [11.3%]	Public administration [3.5%]	
7233	Sheet Metal workers	560	1%	75%	13	21	52	No recovery during 5 years	No recovery during 5 years	2022	Manufacturing [14.7%]	Wholesale and retail trade [6.0%]	Other services (except public administration) [1.6%]	
7252	Steamfitters, pipefitters and sprinkler system installers	520	1%	63%	46	49	81	No recovery during 5 years	No recovery during 5 years	2022	Manufacturing [12.3%]	Forestry, fishing, mining, quarrying, oil and gas [10.1%]	Other services (except public administration) [7.9%]	
7295	Floor covering installers	500	1%	80%	34	46	77	No recovery during 5 years	No recovery during 5 years	2023	Wholesale and retail trade [11.0%]	Manufacturing [2.1%]	Health care and social assistance [2.1%]	
7242	Industrial electricians	440	1%	28%	55	56	81	No recovery during 5 years	No recovery during 5 years	2022	Forestry, fishing, mining, quarrying, oil and gas [38.8%]	Manufacturing [18.0%]	Transportation and warehousing [6.1%]	

NOC	Description	2019 Employment	Occupation share of Industry	Sector's Share of Occ.'s Employment	Labour Forecasting Scenarios (2020 to 2024)						Competing Industry			
					Forecasted Total Job Openings (2020 to 2024) - Low	Forecasted Total Job Openings (2020 to 2024) - Base	Forecasted Total Job Openings (2020 to 2024) - High	Forecasted Recovery Year to its 2019 Employment Level -Low	Forecasted Recovery Year to its 2019 Employment Level -Base	Forecasted Recovery Year to its 2019 Employment Level -High	Competing Industry 1	Competing Industry 2	Competing Industry 3	Competing Industry 4
7282	Concrete finishers	350	1%	86%	13	19	41	No recovery during 5 years	No recovery during 5 years	2022	Manufacturing [6.4%]	Forestry, fishing, mining, quarrying, oil and gas [3.2%]	Transportation and warehousing [2.5%]	
7236	Ironworkers	300	1%	57%	11	18	40	No recovery during 5 years	2024	2022	Manufacturing [22.5%]	Other services (except public administration) [7.8%]	Forestry, fishing, mining, quarrying, oil and gas [5.1%]	
7281	Bricklayers	300	1%	88%	9	18	40	No recovery during 5 years	No recovery during 5 years	2023	Educational services [3.8%]	Wholesale and retail trade [3.2%]	Business, building and other support services [2.7%]	Manufacturing [2.7%]
7291	Roofers and shinglers	270	1%	39%	-2	1	8	No recovery during 5 years	No recovery during 5 years	No recovery during 5 years	Wholesale and retail trade [8.5%]	Manufacturing [8.4%]	Business, building and other support services [7.9%]	
7293	Insulators	250	1%	78%	9	19	39	No recovery during 5 years	No recovery during 5 years	2022	Manufacturing [15.2%]	Wholesale and retail trade [3.5%]	Forestry, fishing, mining, quarrying, oil and gas [2.9%]	
7371	Crane operators	230	0%	46%	24	24	37	No recovery during 5 years	No recovery during 5 years	2022	Forestry, fishing, mining, quarrying, oil and gas [18.7%]	Manufacturing [16.8%]	Wholesale and retail trade [10.3%]	
7283	Tilesetters	180	0%	80%	1	8	25	No recovery during 5 years	No recovery during 5 years	2022	Manufacturing [6.6%]	Health care and social assistance [5.7%]	Wholesale and retail trade [3.9%]	Forestry, fishing, mining, quarrying, oil and gas [3.9%]
7292	Glaziers	120	0%	45%	2	6	15	No recovery during 5 years	No recovery during 5 years	2022	Other services (except public administration) [15.8%]	Wholesale and retail trade [15.0%]	Manufacturing [15.0%]	
7272	Cabinetmakers	40	0%	16%	1	6	14	No recovery during 5 years	2024	2021	Manufacturing [70.1%]	Wholesale and retail trade [6.8%]	Health care and social assistance [4.6%]	
9414	Concrete, clay and stone forming operators	40	0%	29%	5	6	8	2024	No recovery during 5 years	2022	Manufacturing [53.9%]	Transportation and warehousing [6.6%]	Forestry, fishing, mining, quarrying, oil and gas [5.9%]	

Assisting Employers

Our focus is to help employers adapt to fluid labour market conditions. Some of the ways we assist an employer is by assisting with:

- developing or renewing a workforce plan,
- development of a talent sourcing and recruitment strategy, and
- design of an employee value proposition focused on retaining a skilled and diverse workforce.

Better defining an Employers workforce needs

Achieved by examining the various elements like:

- workforce capacity,
- capabilities and
- supply

These will be some of the key elements of defining the labour needs for any Employer to enable them to adapt (match demand and supply from their customers) and enable them to achieve operational growth.

Learning more from Industry

A few elements that we would like to learn more from employers in your Industry Sector are:

- What skill-sets/occupations are you going to require to add/adjust to your team over the next 1-3 years?

This can provide both supply & demand workforce intel

- As an Employer, is there an adequate/ample pipeline for you for the various occupations to select from?

Is the supply sources providing enough capacity of candidates (this may be specific to certain training programs)

Learning more from Industry

- As an Employer, do you see the need that certain positions/occupations will be required to up-skill to serve your company as it evolves to changing techniques, materials or other factors? This helps to identify if current training is available to meet your projected skill needs of the future.

We would appreciate you sending us an email with your answers to these questions.

Our team is here to assist Industry Leaders and Employers with the paths, tools and supports for them to grow and succeed. Please contact me for more information.

Randy Jeworski

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