

# Industry Synopsis

Industry: 42117 Heating Systems - Fabricate/Install

Assessable Earnings and Premiums - for Years: 2019 to 2024

Rate Year	Number of Employers with Assessable Earnings	Newly Opened Account	Total Assessable Earnings	Estimated Total Workers*	Net Premium**	Industry Rate
2019	951	77	\$366,669,049	6,343	\$5,648,799	\$1.65
2020	907	75	\$328,330,528	5,481	\$4,929,128	\$1.69
2021	925	79	\$358,204,844	6,224	\$5,462,965	\$1.68
2022	914	67	\$401,721,192	6,612	\$6,184,839	\$1.69
2023	927	82	\$448,849,059	7,424	\$6,956,203	\$1.70
2024 YTD	874	32	\$457,204,302	7,494	\$8,218,267	\$1.85

\* Estimated number of full time equivalent workers based on average industry wage

\*\* Net premium is premium paid by employers after pricing adjustments for experience rating plus Poor Performance Surcharge and PIR, where applicable

Distribution of Accounts By Assessable Earnings (\$Thousands)										
Rate Year	<= \$500,000		> \$500,000 and <= \$1 Million		> \$1 Million and <= \$5 Million		> \$5 Million and <= \$20 Million		> \$20 Million	
	Accts	Total Ase Earn	Accts	Total Ase Earn	Accts	Total Ase Earn	Accts	Total Ase Earn	Accts	Total Ase Earn
2019	800	\$76,868	66	\$44,881	71	\$140,575	14	\$104,345	N/A	N/A
2020	781	\$81,276	48	\$34,260	64	\$115,015	14	\$97,781	N/A	N/A
2021	779	\$80,327	67	\$47,419	67	\$132,581	12	\$97,878	N/A	N/A
2022	757	\$81,700	67	\$46,701	76	\$148,451	14	\$124,869	N/A	N/A
2023	771	\$85,312	57	\$40,161	82	\$160,428	17	\$162,949	N/A	N/A
2024 YTD	710	\$87,644	63	\$44,396	84	\$170,099	17	\$155,066	N/A	N/A

Note: The current year assessable earnings are based on estimates.

N/A columns indicate there are not enough employers available to display the information

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Claim Costs - for Years: 2019 to 2024

Total Claims								
Accident Year	Number of Claims	Claim Costs	Number of LTCs	Total LTC Costs	TTD Days	Modified Work Ever Performed Claims	Medical Aid Claims	Disabling Injury Claims
2019	450	\$1,399,684	102	\$1,113,591	2,521	200	348	244
2020	293	\$1,217,708	86	\$1,023,727	3,140	124	207	157
2021	394	\$1,250,749	110	\$919,113	3,330	183	284	243
2022	398	\$1,534,569	120	\$1,261,224	3,432	210	278	258
2023	408	\$1,964,502	97	\$1,581,065	4,652	228	311	262
2024 YTD	101	\$112,990	21	\$58,561	220	56	80	65

Duration Bands - Total LTCs					
Accident Year	<= 8 Days	> 8 Days and <= 30 Days	> 30 Days and <= 60 Days	> 60 Days	Total Lost Time Claims
2019	52	24	11	15	102
2020	40	20	12	14	86
2021	55	26	10	19	110
2022	64	29	8	19	120
2023	40	23	14	20	97
2024 YTD	13	6	2	0	21

Total Claims Costs					
Accident Year	Compensation	Medical Aid	Rehabilitation	Economic Loss	Total
2019	\$624,393	\$725,713	\$49,578	\$0	\$1,399,684
2020	\$649,993	\$501,927	\$65,788	\$0	\$1,217,708
2021	\$568,238	\$638,031	\$44,479	\$0	\$1,250,749
2022	\$755,229	\$761,079	\$18,262	\$0	\$1,534,569
2023	\$819,200	\$1,112,559	\$32,744	\$0	\$1,964,502
2024 YTD	\$30,102	\$82,888	\$0	\$0	\$112,990

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# Industry Synopsis

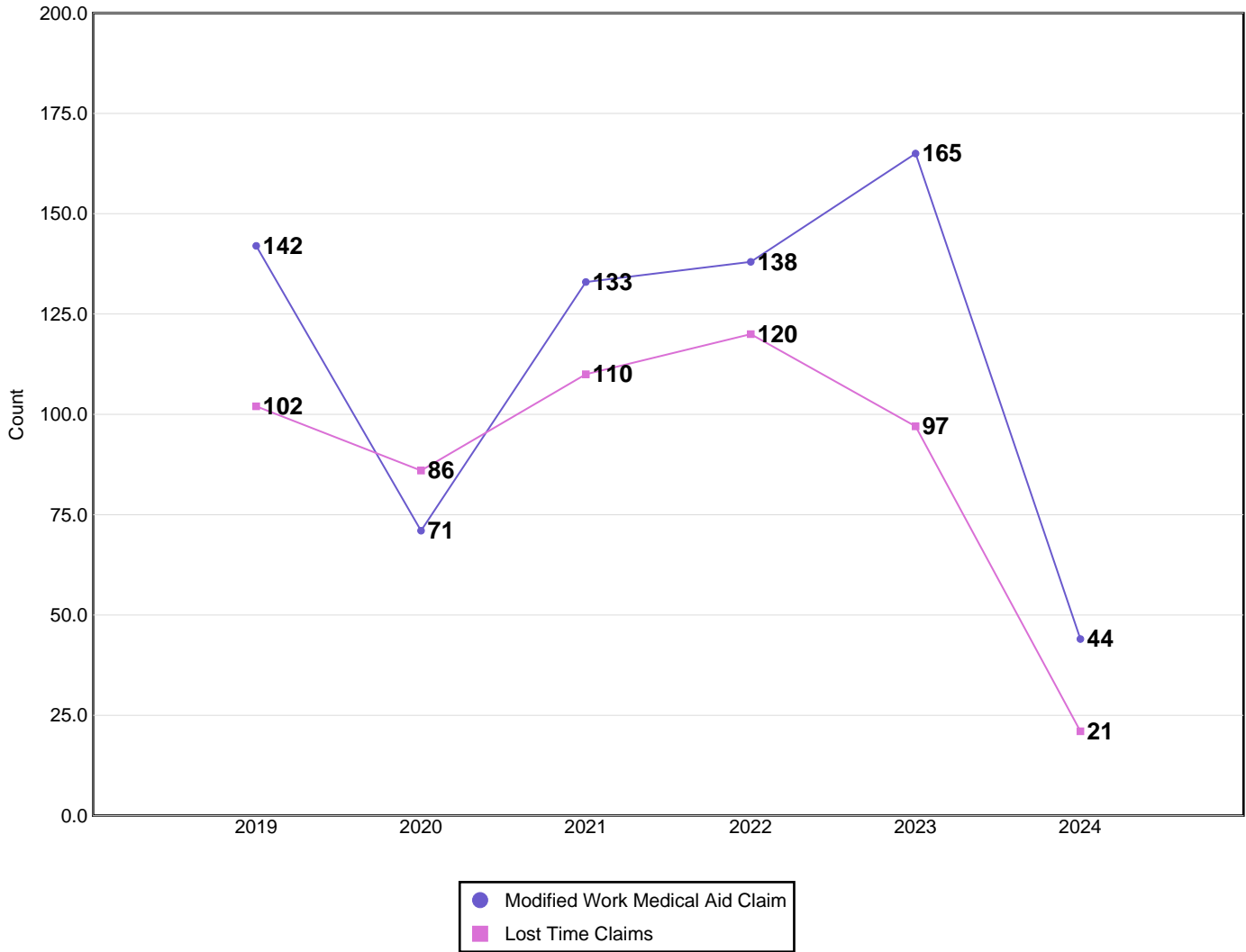


Workers'  
Compensation  
Board  
Alberta

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Claim Costs - for Years: 2019 to 2024

## Disabling Claims Components



Disabling Claims include Lost Time Claims or Medical Aid Claims with Modified Work

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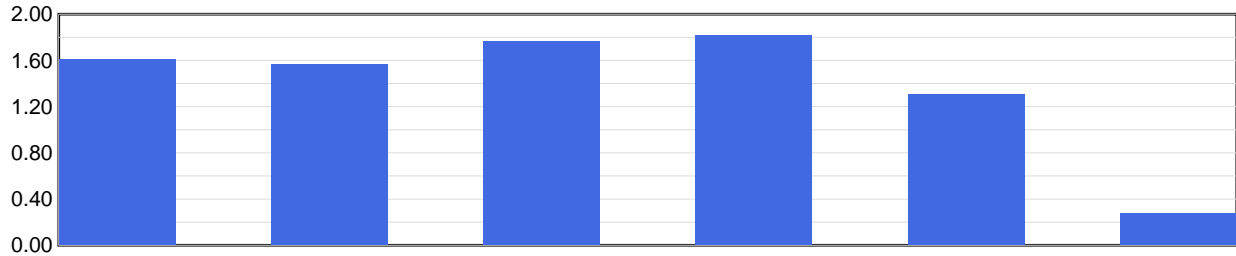
# Industry Synopsis

Industry: 42117 Heating Systems - Fabricate/Install

Claim Costs - for Years: 2019 to 2024

## Frequency Rates

(Lost Time Claims per 100 Workers)



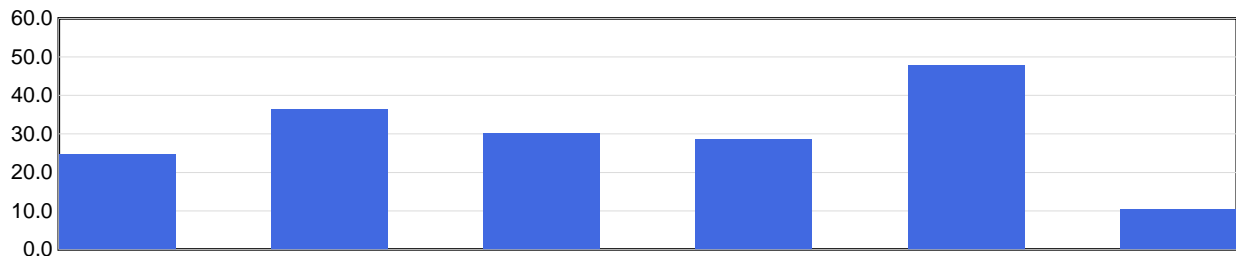
	2019	2020	2021	2022	2023	2024 YTD
Frequency Rate	1.61	1.57	1.77	1.81	1.31	0.28

Frequency Rate = (Total Lost Time Claims \* 100) / Person Years

Person Years = Total Assessable Earnings / (Avg Hourly Wage \* 2000 Hours)

## Severity Rates

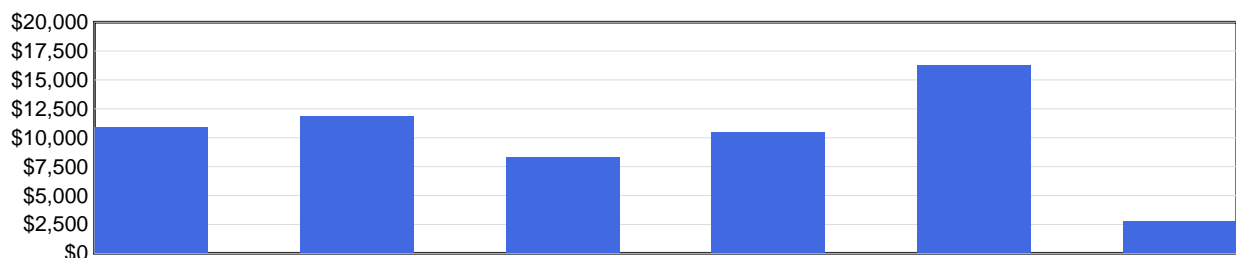
(Temporary Total Disability Days per Lost Time Claim)



	2019	2020	2021	2022	2023	2024 YTD
Severity Rate	24.7	36.5	30.3	28.6	48.0	10.5

Severity Rate = Total TTDs / Total LTCs

## Average Cost Per LTC



	2019	2020	2021	2022	2023	2024 YTD
Avg Cost / Claim	\$10,918	\$11,904	\$8,356	\$10,510	\$16,300	\$2,789

Average Cost Per LTC = Total LTC Costs / Total LTCs

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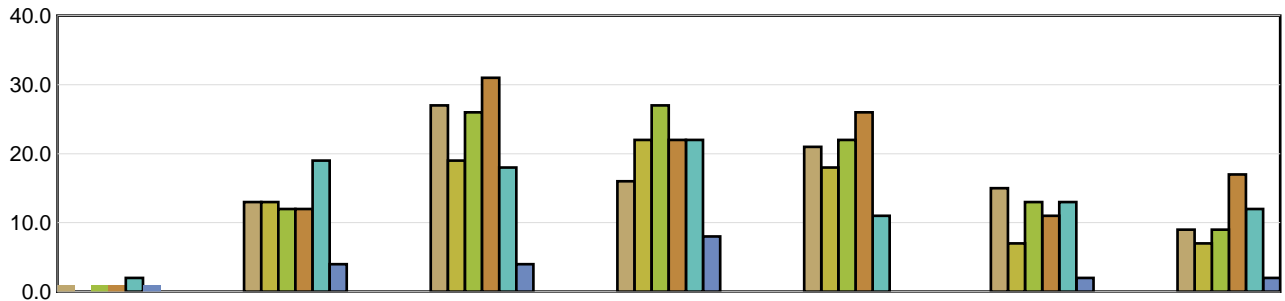
# Industry Synopsis

Industry: 42117 Heating Systems - Fabricate/Install

Injured Worker's Age - for Years: 2019 to 2024

## Number of LTCs

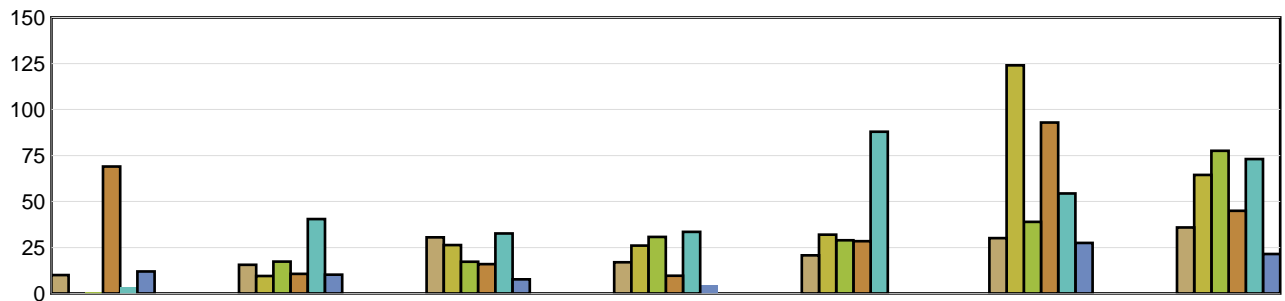
(by age of injured worker and by occurrence year)



	Under 19	19 to 26	27 to 34	35 to 42	43 to 50	51 to 58	Over 58
2019	1	13	27	16	21	15	9
2020	N/A	13	19	22	18	7	7
2021	1	12	26	27	22	13	9
2022	1	12	31	22	26	11	17
2023	2	19	18	22	11	13	12
2024 YTD	1	4	4	8	N/A	2	2

## Average Severity of a Claim

Temporary Total Disability Days per Lost Time Claim  
(by age of injured worker and by occurrence year)



	Under 19	19 to 26	27 to 34	35 to 42	43 to 50	51 to 58	Over 58
2019	10.00	15.62	30.56	17.00	20.76	30.13	35.89
2020	N/A	9.54	26.37	26.05	32.00	124.00	64.43
2021	1.00	17.33	17.27	30.78	28.95	38.92	77.56
2022	69.00	10.67	16.00	9.68	28.42	92.91	45.00
2023	3.50	40.47	32.67	33.50	87.91	54.38	73.08
2024 YTD	12.00	10.25	7.75	4.75	N/A	27.50	21.50

LTCs with no birthdate recorded are not included in band subtotals

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# Industry Synopsis

Industry: 42117 Heating Systems - Fabricate/Install

Top 5 Comparison - for Years: 2019 to 2024

Type of Accident							
Top 5 by Total LTCs							
Type of Accident	2019	2020	2021	2022	2023	2024 YTD	Totals
Falls	26	15	20	26	26	5	118
Overexertion	21	18	17	20	17	4	97
Bodily Reaction and Exertion	20	20	15	23	18	1	97
Struck by Object	10	7	11	9	11	0	48
Contact with Objects and Equipment	4	6	14	6	4	3	37

Type of Accident	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Falls	118	22.01%	49.54	5,846	\$16,339	\$1,927,948
Overexertion	97	18.10%	33.91	3,289	\$10,667	\$1,034,684
Bodily Reaction and Exertion	97	18.10%	36.19	3,510	\$11,901	\$1,154,422
Struck by Object	48	8.96%	13.85	665	\$5,690	\$273,131
Contact with Objects and Equipment	37	6.90%	14.32	530	\$4,971	\$183,923
All Others	139	25.93%	24.52	3,408	\$9,951	\$1,383,174
<b>Totals</b>	<b>536</b>	<b>100.00%</b>	<b>32.18</b>	<b>17,248</b>	<b>\$11,114</b>	<b>\$5,957,281</b>

Part of Body							
Top 5 by Total LTCs							
Part of Body	2019	2020	2021	2022	2023	2024 YTD	Totals
Back	31	20	26	23	20	3	123
Trunk	16	11	5	13	9	3	57
Foot(Feet)/Ank(s)/Toe(s)	9	12	14	13	10	1	59
Hand(s)/Wrist(s)	8	11	13	11	8	1	52
Knee(s)	6	5	8	10	10	2	41

Part of Body	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Back	123	22.95%	29.34	3,609	\$9,749	\$1,199,166
Trunk	57	10.63%	44.84	2,556	\$16,030	\$913,717
Foot(Feet)/Ank(s)/Toe(s)	59	11.01%	31.64	1,867	\$11,065	\$652,817
Hand(s)/Wrist(s)	52	9.70%	25.94	1,349	\$8,334	\$433,361
Knee(s)	41	7.65%	57.46	2,356	\$20,651	\$846,707
All Others	204	38.06%	27.01	5,511	\$9,370	\$1,911,514
<b>Totals</b>	<b>536</b>	<b>100.00%</b>	<b>32.18</b>	<b>17,248</b>	<b>\$11,114</b>	<b>\$5,957,281</b>

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Top 5 Comparison - for Years: 2019 to 2024

Nature of Injury							
Top 5 by Total LTCs							
Nature of Injury	2019	2020	2021	2022	2023	2024 YTD	Totals
Sprains/Strain	55	40	54	46	43	10	248
Fracture/Dislocation/Nerve Damage	12	14	9	22	11	0	68
Open Wound	10	12	14	12	8	5	61
Oth Traumatic Injuries	4	8	9	8	15	1	45
Superficial Wounds	7	4	9	12	5	0	37

Nature of Injury	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Sprains/Strain	248	46.27%	34.33	8,513	\$11,688	\$2,898,583
Fracture/Dislocation/Nerve Damage	68	12.69%	52.15	3,546	\$16,657	\$1,132,661
Open Wound	61	11.38%	15.77	962	\$6,096	\$371,827
Oth Traumatic Injuries	45	8.40%	34.76	1,564	\$12,156	\$547,005
Superficial Wounds	37	6.90%	10.92	404	\$3,907	\$144,559
All Others	77	14.37%	29.34	2,259	\$11,203	\$862,646
<b>Totals</b>	<b>536</b>	<b>100.00%</b>	<b>32.18</b>	<b>17,248</b>	<b>\$11,114</b>	<b>\$5,957,281</b>

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