

# Industry Synopsis

Industry: 42129 INDUSTRIAL PLANT MAINTENANCE

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	475	73	\$902,358,743	12,200	\$8,428,525	\$1.58
2020	452	50	\$739,437,154	9,678	\$7,435,631	\$1.64
2021	433	43	\$880,864,136	11,565	\$8,162,716	\$1.72
2022	438	66	\$974,223,999	12,391	\$9,503,150	\$1.72
2023	432	44	\$917,265,421	12,181	\$9,148,842	\$1.68
2024 YTD	399	20	\$1,018,682,274	14,061	\$12,882,400	\$1.82

\* 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	419	\$20,574	10	\$7,393	20	\$43,287	17	\$183,721	9	\$647,384
2020	400	\$20,982	14	\$10,468	15	\$34,743	14	\$129,879	9	\$543,365
2021	372	\$19,827	20	\$14,544	19	\$41,422	14	\$138,706	8	\$666,365
2022	374	\$20,860	16	\$11,425	30	\$66,393	10	\$99,511	8	\$776,034
2023	368	\$20,916	18	\$13,483	25	\$54,366	12	\$92,780	9	\$735,720
2024 YTD	334	\$21,067	17	\$13,087	26	\$54,835	13	\$115,196	9	\$814,497

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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- YTD is January to current month of the current calendar year

# Industry Synopsis

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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	251	\$1,329,135	54	\$1,045,444	2,041	129	197	148
2020	162	\$1,937,106	56	\$1,771,728	3,526	92	106	114
2021	680	\$3,931,601	524	\$3,672,058	9,959	162	156	613
2022	505	\$2,502,692	318	\$2,243,553	5,884	148	187	416
2023	192	\$1,347,855	39	\$1,082,622	2,550	125	153	134
2024 YTD	38	\$67,142	4	\$37,419	149	27	34	29

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	21	14	6	13	54
2020	19	9	4	24	56
2021	266	203	19	36	524
2022	259	21	13	25	318
2023	12	5	5	17	39
2024 YTD	1	0	2	1	4

Total Claims Costs					
Accident Year	Compensation	Medical Aid	Rehabilitation	Economic Loss	Total
2019	\$725,201	\$588,440	\$15,494	\$0	\$1,329,135
2020	\$1,033,025	\$844,055	\$60,026	\$0	\$1,937,106
2021	\$2,364,060	\$1,092,097	\$35,621	\$439,824	\$3,931,601
2022	\$1,409,610	\$900,809	\$95,119	\$97,155	\$2,502,692
2023	\$590,675	\$653,902	\$103,277	\$0	\$1,347,855
2024 YTD	\$27,485	\$39,657	\$0	\$0	\$67,142

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# Industry Synopsis

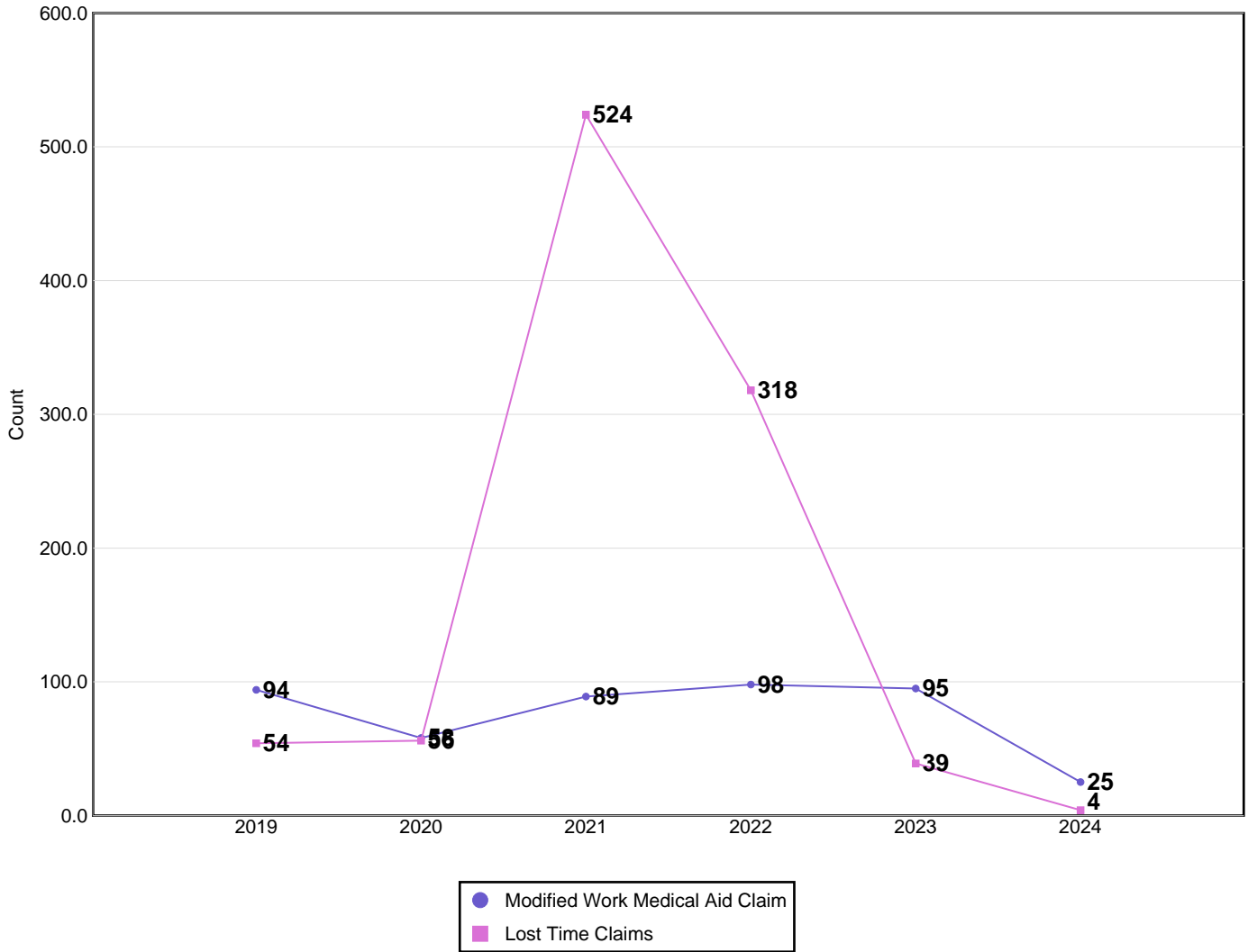


Workers'  
Compensation  
Board  
Alberta

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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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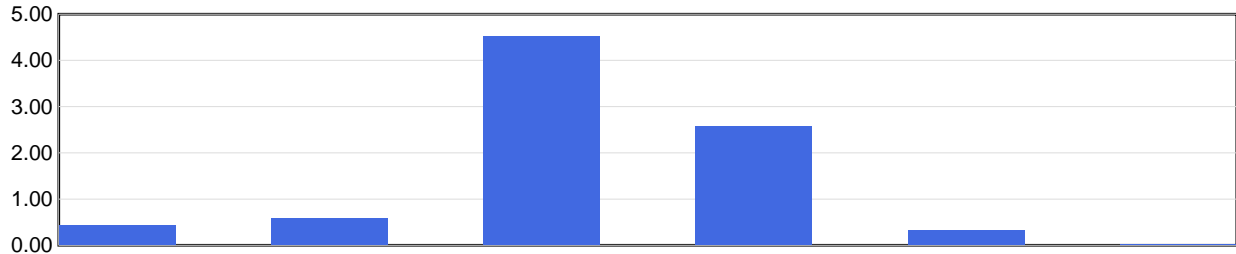
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Claim Costs - for Years: 2019 to 2024

## Frequency Rates

(Lost Time Claims per 100 Workers)



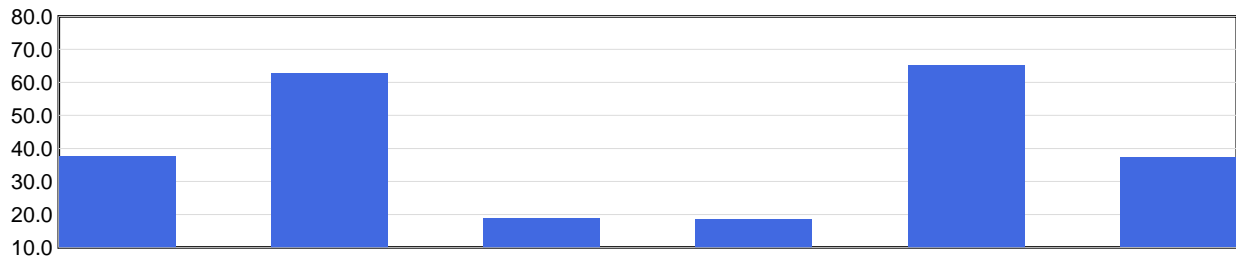
	2019	2020	2021	2022	2023	2024 YTD
Frequency Rate	0.44	0.58	4.53	2.57	0.32	0.03

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

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

## Severity Rates

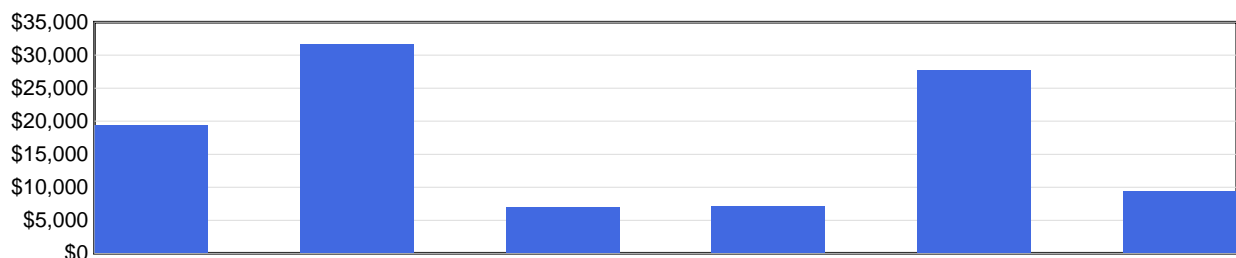
(Temporary Total Disability Days per Lost Time Claim)



	2019	2020	2021	2022	2023	2024 YTD
Severity Rate	37.8	63.0	19.0	18.5	65.4	37.3

Severity Rate = Total TTDs / Total LTCs

## Average Cost Per LTC



	2019	2020	2021	2022	2023	2024 YTD
Avg Cost / Claim	\$19,360	\$31,638	\$7,008	\$7,055	\$27,760	\$9,355

Average Cost Per LTC = Total LTC Costs / Total LTCs

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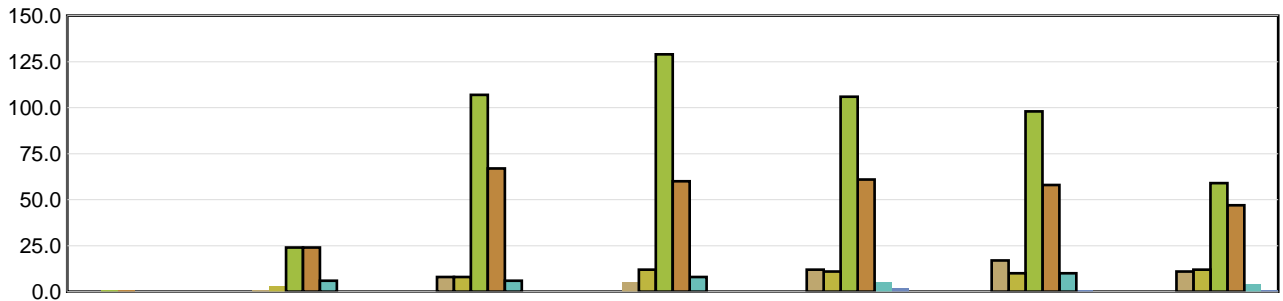
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Injured Worker's Age - for Years: 2019 to 2024

## Number of LTCs

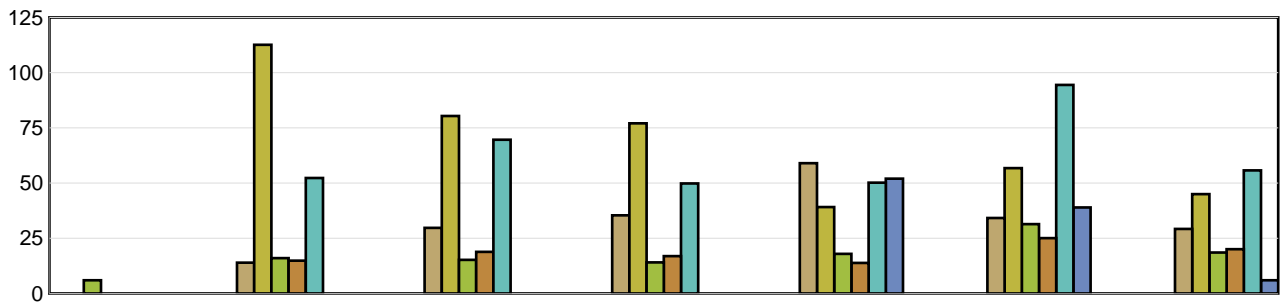
(by age of injured worker and by occurrence year)



	Under 19	19 to 26	27 to 34	35 to 42	43 to 50	51 to 58	Over 58
2019	N/A	1	8	5	12	17	11
2020	N/A	3	8	12	11	10	12
2021	1	24	107	129	106	98	59
2022	1	24	67	60	61	58	47
2023	N/A	6	6	8	5	10	4
2024 YTD	N/A	N/A	N/A	N/A	2	1	1

## 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	N/A	14.00	29.75	35.40	59.00	34.24	29.27
2020	N/A	112.67	80.38	77.08	39.18	56.80	45.00
2021	6.00	16.04	15.24	14.09	17.96	31.42	18.56
2022	0.00	14.88	18.87	16.95	13.84	25.12	20.11
2023	N/A	52.33	69.67	49.88	50.20	94.50	55.75
2024 YTD	N/A	N/A	N/A	N/A	52.00	39.00	6.00

LTCs with no birthdate recorded are not included in band subtotals

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# Industry Synopsis

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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
Exposure to Harmful Substances	3	6	475	266	2	0	752
Bodily Reaction and Exertion	11	8	17	17	8	1	62
Falls	8	7	13	9	8	1	46
Overexertion	12	5	3	10	7	0	37
Contact with Objects and Equipment	2	7	4	4	6	0	23

Type of Accident	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Exposure to Harmful Substances	752	75.58%	12.97	9,753	\$4,486	\$3,373,718
Bodily Reaction and Exertion	62	6.23%	71.82	4,453	\$21,957	\$1,361,310
Falls	46	4.62%	68.72	3,161	\$27,409	\$1,260,830
Overexertion	37	3.72%	56.78	2,101	\$27,655	\$1,023,247
Contact with Objects and Equipment	23	2.31%	54.87	1,262	\$23,462	\$539,634
All Others	75	7.54%	43.41	3,256	\$30,588	\$2,294,085
<b>Totals</b>	<b>995</b>	<b>100.00%</b>	<b>24.11</b>	<b>23,986</b>	<b>\$9,902</b>	<b>\$9,852,823</b>

Part of Body							
Top 5 by Total LTCs							
Part of Body	2019	2020	2021	2022	2023	2024 YTD	Totals
Body System(s)	4	5	475	265	1	0	750
Trunk	12	4	4	11	11	0	42
Back	9	3	9	7	4	1	33
Knee(s)	6	4	9	4	4	0	27
Hand(s)/Wrist(s)	2	10	5	4	1	0	22

Part of Body	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Body System(s)	750	75.38%	12.99	9,743	\$4,553	\$3,414,474
Trunk	42	4.22%	73.98	3,107	\$31,743	\$1,333,226
Back	33	3.32%	51.00	1,683	\$18,056	\$595,839
Knee(s)	27	2.71%	76.19	2,057	\$23,079	\$623,120
Hand(s)/Wrist(s)	22	2.21%	65.14	1,433	\$26,353	\$579,767
All Others	121	12.16%	49.28	5,963	\$27,326	\$3,306,397
<b>Totals</b>	<b>995</b>	<b>100.00%</b>	<b>24.11</b>	<b>23,986</b>	<b>\$9,902</b>	<b>\$9,852,823</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
Systems Disease - Covid 19	0	5	475	261	0	0	741
Sprains/Strain	25	15	28	22	19	1	110
Fracture/Dislocation/Nerve Damage	5	7	6	12	8	1	39
Oth Traumatic Injuries	7	9	5	10	5	0	36
Ear/Hearing Condition	8	6	3	4	1	0	22

Nature of Injury	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Systems Disease - Covid 19	741	74.47%	12.72	9,422	\$4,282	\$3,172,879
Sprains/Strain	110	11.06%	70.72	7,779	\$25,057	\$2,756,218
Fracture/Dislocation/Nerve Damage	39	3.92%	73.56	2,869	\$29,507	\$1,150,791
Oth Traumatic Injuries	36	3.62%	43.89	1,580	\$25,002	\$900,080
Ear/Hearing Condition	22	2.21%	0.00	0	\$5,213	\$114,686
All Others	47	4.72%	49.70	2,336	\$37,408	\$1,758,169
<b>Totals</b>	<b>995</b>	<b>100.00%</b>	<b>24.11</b>	<b>23,986</b>	<b>\$9,902</b>	<b>\$9,852,823</b>

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