

# Industry Synopsis

Industry: 37801 PETROCHEMICALS - MFG

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	75	7	\$613,456,505	7,876	\$4,353,701	\$0.99
2020	79	8	\$605,988,908	7,693	\$4,070,532	\$1.07
2021	79	6	\$675,660,143	8,299	\$3,827,247	\$0.85
2022	78	4	\$708,642,994	8,936	\$3,836,289	\$0.79
2023	79	7	\$725,188,210	8,780	\$3,733,321	\$0.77
2024 YTD	75	1	\$813,391,956	9,385	\$4,674,865	\$0.91

\* 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	32	\$3,077	4	\$2,694	18	\$41,135	15	\$177,221	6	\$389,329
2020	35	\$3,686	7	\$5,285	16	\$39,341	15	\$171,474	6	\$386,203
2021	35	\$4,130	6	\$4,613	16	\$37,152	17	\$192,402	5	\$437,364
2022	34	\$4,036	6	\$4,112	16	\$38,760	16	\$186,637	6	\$475,099
2023	34	\$3,787	7	\$4,412	16	\$34,826	16	\$183,471	6	\$498,692
2024 YTD	30	\$3,719	7	\$4,535	17	\$40,182	14	\$165,138	7	\$599,818

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	133	\$805,260	27	\$684,104	719	56	106	68
2020	75	\$439,066	13	\$356,032	455	19	62	24
2021	87	\$353,212	13	\$255,618	264	41	74	46
2022	96	\$351,354	13	\$197,821	117	36	83	41
2023	88	\$537,194	22	\$445,412	881	33	66	43
2024 YTD	22	\$23,910	2	\$18,341	31	6	20	7

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	15	4	5	3	27
2020	6	2	2	3	13
2021	4	5	3	1	13
2022	9	3	1	0	13
2023	11	4	2	5	22
2024 YTD	1	0	1	0	2

Total Claims Costs					
Accident Year	Compensation	Medical Aid	Rehabilitation	Economic Loss	Total
2019	\$384,265	\$417,216	\$3,779	\$0	\$805,260
2020	\$236,848	\$202,218	\$0	\$0	\$439,066
2021	\$160,013	\$193,199	\$0	\$0	\$353,212
2022	\$194,774	\$154,157	\$2,423	\$0	\$351,354
2023	\$259,180	\$228,063	\$49,952	\$0	\$537,194
2024 YTD	\$16,405	\$7,505	\$0	\$0	\$23,910

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PETROCHEMICALS - MFG

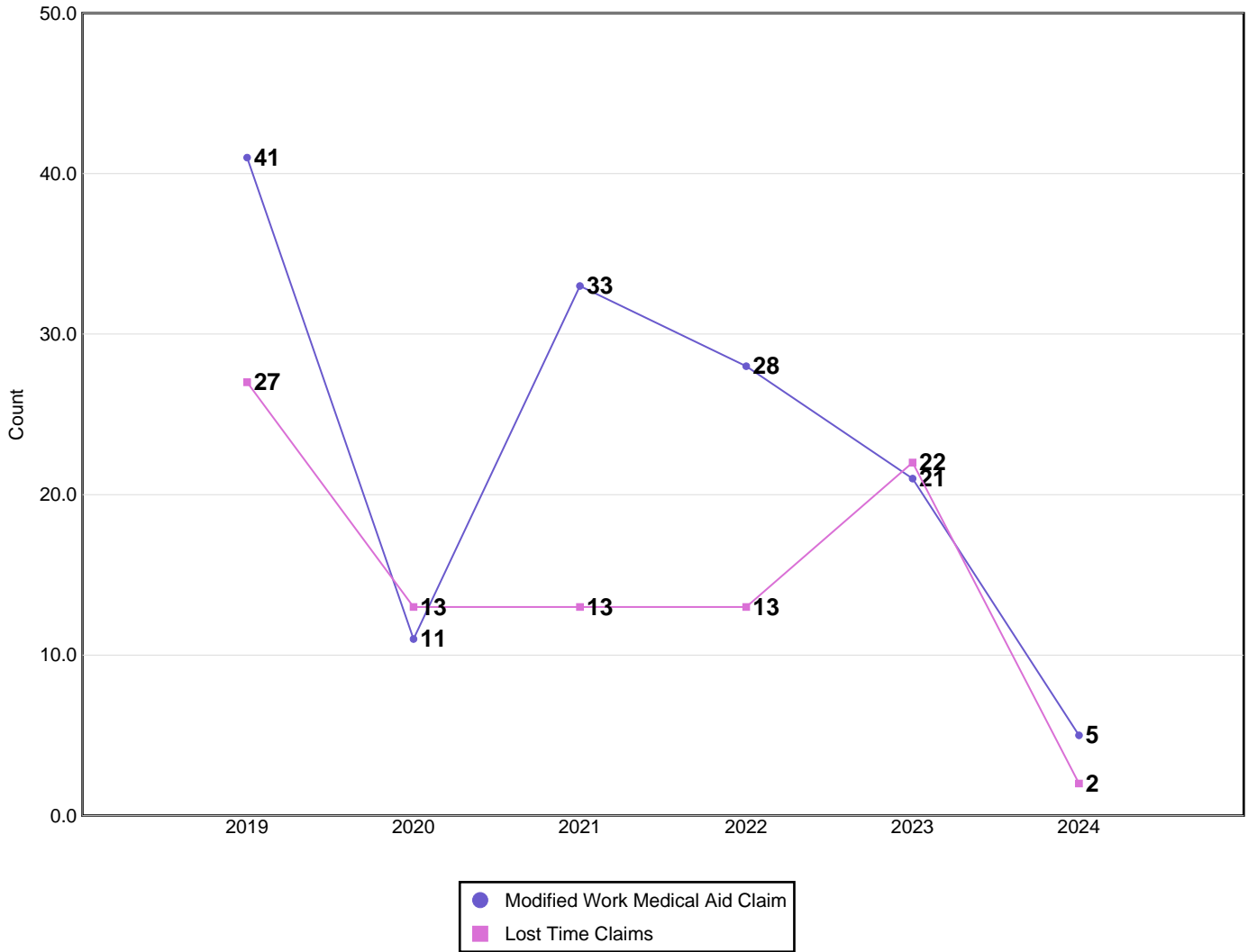


Workers'  
Compensation  
Board

Alberta

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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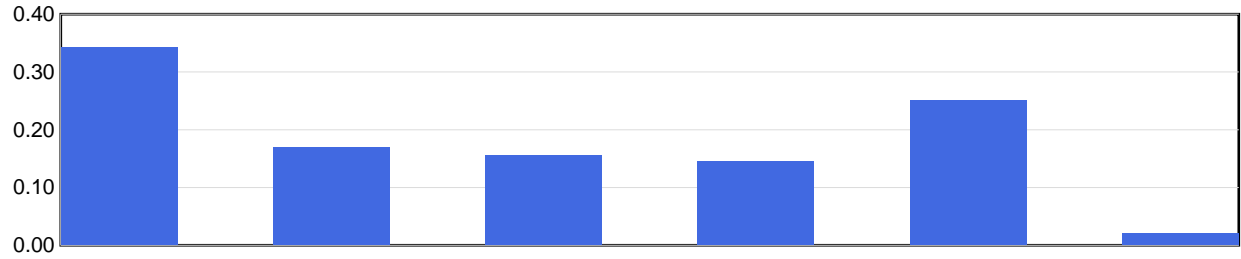
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Claim Costs - for Years: 2019 to 2024

## Frequency Rates

(Lost Time Claims per 100 Workers)



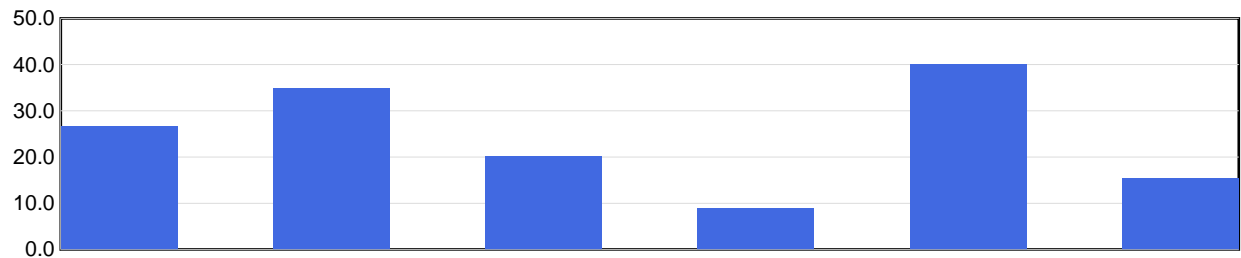
Frequency Rate	2019	2020	2021	2022	2023	2024 YTD
	0.34	0.17	0.16	0.15	0.25	0.02

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

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

## Severity Rates

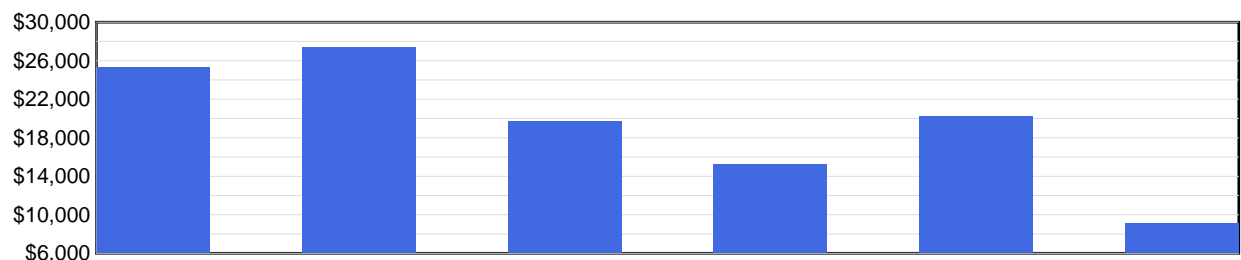
(Temporary Total Disability Days per Lost Time Claim)



Severity Rate	2019	2020	2021	2022	2023	2024 YTD
	26.6	35.0	20.3	9.0	40.0	15.5

Severity Rate = Total TTDs / Total LTCs

## Average Cost Per LTC



Avg Cost / Claim	2019	2020	2021	2022	2023	2024 YTD
	\$25,337	\$27,387	\$19,663	\$15,217	\$20,246	\$9,170

Average Cost Per LTC = Total LTC Costs / Total LTCs

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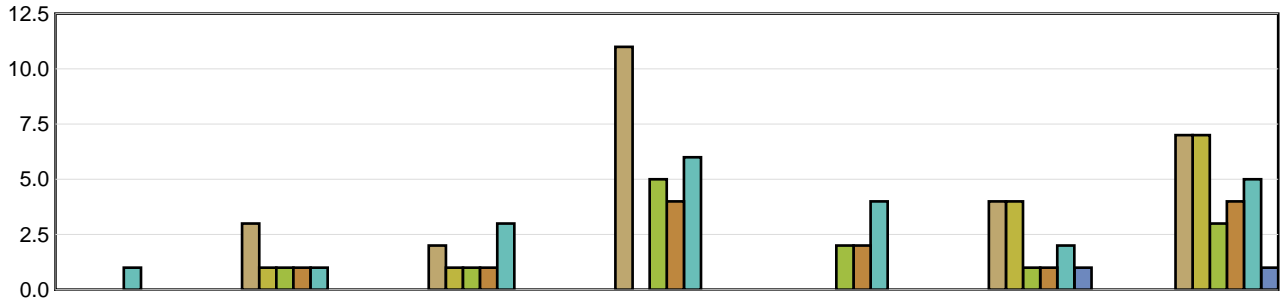
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Injured Worker's Age - for Years: 2019 to 2024

## Number of LTCs

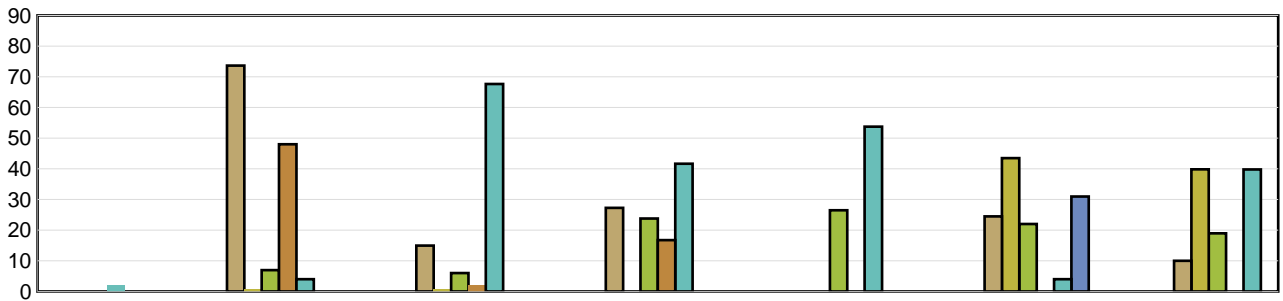
(by age of injured worker and by occurrence year)



	Under 19	19 to 26	27 to 34	35 to 42	43 to 50	51 to 58	Over 58
2019	N/A	3	2	11	N/A	4	7
2020	N/A	1	1	N/A	N/A	4	7
2021	N/A	1	1	5	2	1	3
2022	N/A	1	1	4	2	1	4
2023	1	1	3	6	4	2	5
2024 YTD	N/A	N/A	N/A	N/A	N/A	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	73.67	15.00	27.27	N/A	24.50	10.00
2020	N/A	1.00	1.00	N/A	N/A	43.50	39.86
2021	N/A	7.00	6.00	23.80	26.50	22.00	19.00
2022	N/A	48.00	2.00	16.75	0.00	0.00	0.00
2023	2.00	4.00	67.67	41.67	53.75	4.00	39.80
2024 YTD	N/A	N/A	N/A	N/A	N/A	31.00	0.00

LTCs with no birthdate recorded are not included in band subtotals

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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	6	2	2	1	5	0	16
Falls	3	3	0	2	3	1	12
Overexertion	3	1	4	1	3	0	12
Bodily Reaction and Exertion	0	3	2	2	4	0	11
Exposure to Noise	2	2	0	4	0	1	9

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	16	17.78%	40.56	649	\$40,319	\$645,099
Falls	12	13.33%	29.50	354	\$12,512	\$150,139
Overexertion	12	13.33%	39.50	474	\$28,365	\$340,385
Bodily Reaction and Exertion	11	12.22%	22.27	245	\$9,219	\$101,408
Exposure to Noise	9	10.00%	0.00	0	\$5,431	\$48,879
All Others	30	33.33%	24.83	745	\$22,381	\$671,418
<b>Totals</b>	<b>90</b>	<b>100.00%</b>	<b>27.41</b>	<b>2,467</b>	<b>\$21,748</b>	<b>\$1,957,327</b>

Part of Body							
Top 5 by Total LTCs							
Part of Body	2019	2020	2021	2022	2023	2024 YTD	Totals
Back	3	3	2	2	7	0	17
Trunk	5	0	4	2	3	0	14
Body System(s)	4	2	0	0	3	0	9
Ear(s)	2	2	0	4	0	1	9
Knee(s)	3	0	1	2	2	0	8

Part of Body	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Back	17	18.89%	26.00	442	\$24,725	\$420,331
Trunk	14	15.56%	20.93	293	\$34,733	\$486,267
Body System(s)	9	10.00%	41.56	374	\$24,518	\$220,666
Ear(s)	9	10.00%	0.00	0	\$5,431	\$48,879
Knee(s)	8	8.89%	28.25	226	\$17,448	\$139,580
All Others	33	36.67%	34.30	1,132	\$19,443	\$641,604
<b>Totals</b>	<b>90</b>	<b>100.00%</b>	<b>27.41</b>	<b>2,467</b>	<b>\$21,748</b>	<b>\$1,957,327</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	10	4	4	5	13	0	36
Fracture/Dislocation/Nerve Damage	4	3	3	0	2	1	13
Oth Traumatic Injuries	4	0	1	2	3	0	10
Ear/Hearing Condition	2	2	0	4	0	1	9
Burns	2	1	1	1	1	0	6

Nature of Injury	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Sprains/Strain	36	40.00%	25.86	931	\$16,891	\$608,090
Fracture/Dislocation/Nerve Damage	13	14.44%	33.92	441	\$20,349	\$264,537
Oth Traumatic Injuries	10	11.11%	34.20	342	\$28,068	\$280,681
Ear/Hearing Condition	9	10.00%	0.00	0	\$5,431	\$48,879
Burns	6	6.67%	21.17	127	\$36,779	\$220,673
All Others	16	17.78%	39.13	626	\$33,404	\$534,466
<b>Totals</b>	<b>90</b>	<b>100.00%</b>	<b>27.41</b>	<b>2,467</b>	<b>\$21,748</b>	<b>\$1,957,327</b>

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