

# Industry Synopsis

**Industry: 42184 Mechanical Insulation - Install/Service**

**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	229	13	\$186,238,446	2,853	\$2,401,714	\$1.58
2020	222	13	\$140,466,577	2,382	\$1,825,656	\$1.64
2021	214	14	\$156,773,947	2,151	\$2,068,762	\$1.72
2022	202	10	\$162,421,048	2,684	\$2,222,467	\$1.72
2023	193	6	\$178,443,646	2,858	\$2,168,253	\$1.68
2024 YTD	182	4	\$176,928,373	2,773	\$2,570,670	\$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	158	\$20,142	26	\$18,761	37	\$69,937	8	\$77,398	N/A	N/A
2020	165	\$21,923	19	\$14,236	35	\$71,866	3	\$32,442	N/A	N/A
2021	157	\$20,444	20	\$13,046	31	\$59,794	5	\$35,646	N/A	N/A
2022	136	\$19,513	22	\$15,553	39	\$76,825	5	\$50,530	N/A	N/A
2023	130	\$19,034	23	\$16,751	34	\$71,822	5	\$41,272	N/A	N/A
2024 YTD	114	\$18,155	27	\$19,493	36	\$71,469	4	\$33,812	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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- YTD is January to current month of the current calendar year

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Industry: 42184 Mechanical Insulation - Install/Service

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	93	\$1,162,804	27	\$1,097,853	1,647	52	66	62
2020	47	\$216,918	12	\$171,617	330	24	35	29
2021	74	\$464,759	26	\$402,924	1,122	36	48	48
2022	87	\$541,373	32	\$468,452	1,312	35	55	49
2023	77	\$782,399	15	\$656,818	518	49	62	52
2024 YTD	20	\$29,199	3	\$15,371	70	15	17	16

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	10	2	7	8	27
2020	6	2	1	3	12
2021	8	9	1	8	26
2022	15	6	2	9	32
2023	8	2	0	5	15
2024 YTD	1	1	1	0	3

Total Claims Costs					
Accident Year	Compensation	Medical Aid	Rehabilitation	Economic Loss	Total
2019	\$391,325	\$260,309	\$75,501	\$435,669	\$1,162,804
2020	\$81,869	\$88,764	\$46,285	\$0	\$216,918
2021	\$261,686	\$190,881	\$12,193	\$0	\$464,759
2022	\$309,345	\$224,209	\$7,819	\$0	\$541,373
2023	\$144,229	\$222,036	\$782	\$415,351	\$782,399
2024 YTD	\$11,413	\$17,786	\$0	\$0	\$29,199

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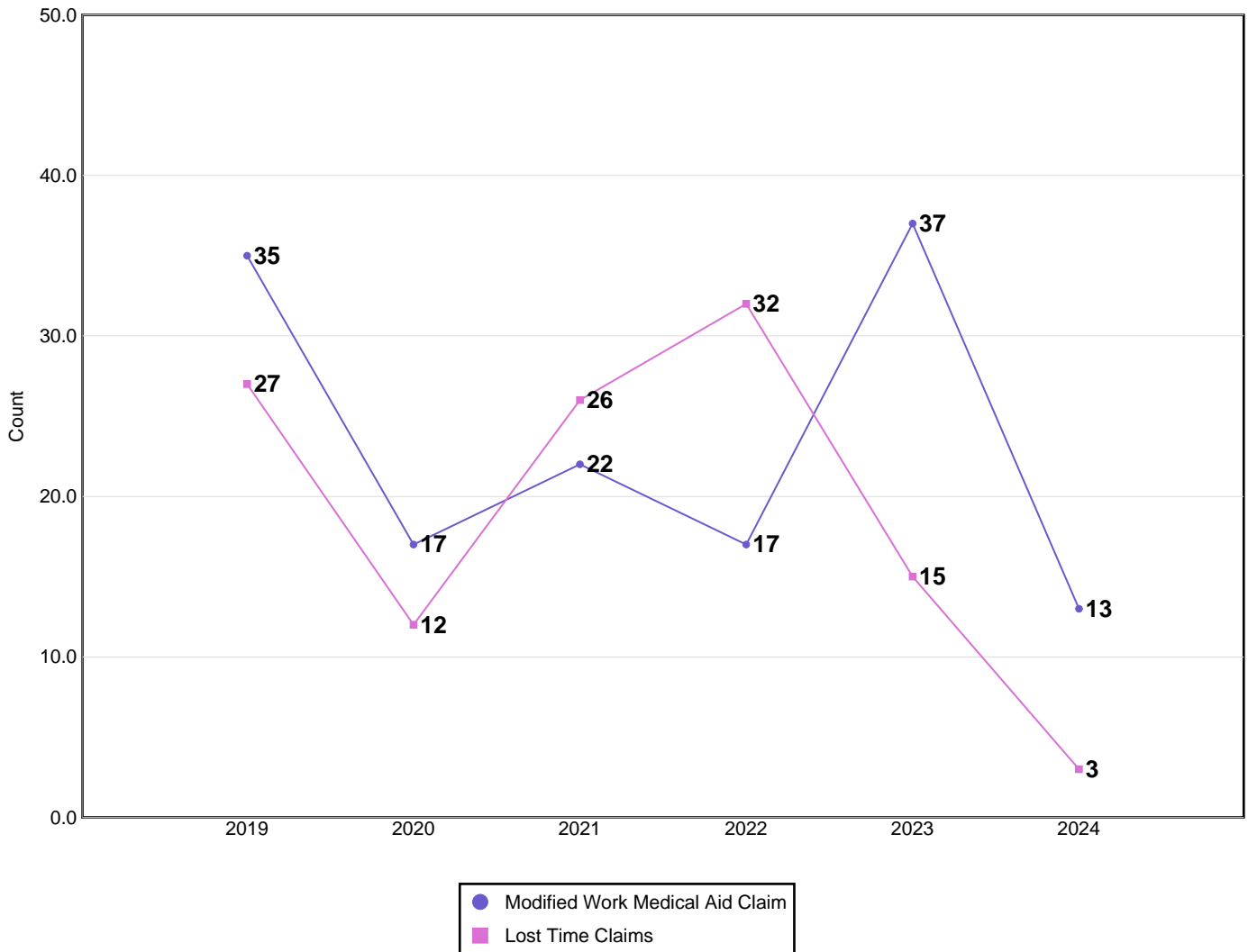
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Claim Costs - for Years: 2019 to 2024

## Disabling Claims Components



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

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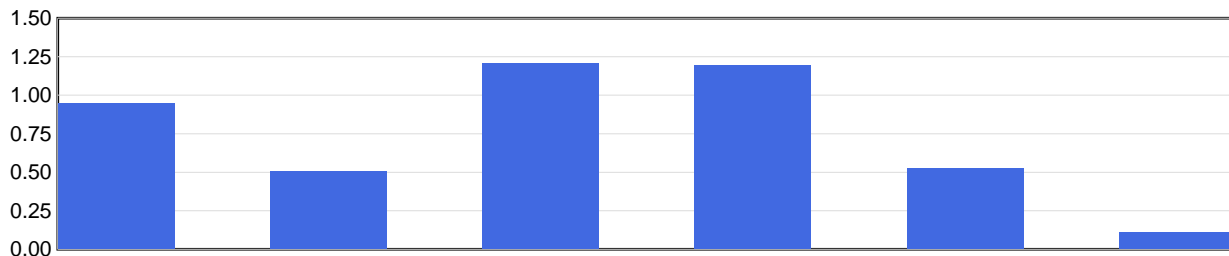
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Claim Costs - for Years: 2019 to 2024

## Frequency Rates

(Lost Time Claims per 100 Workers)



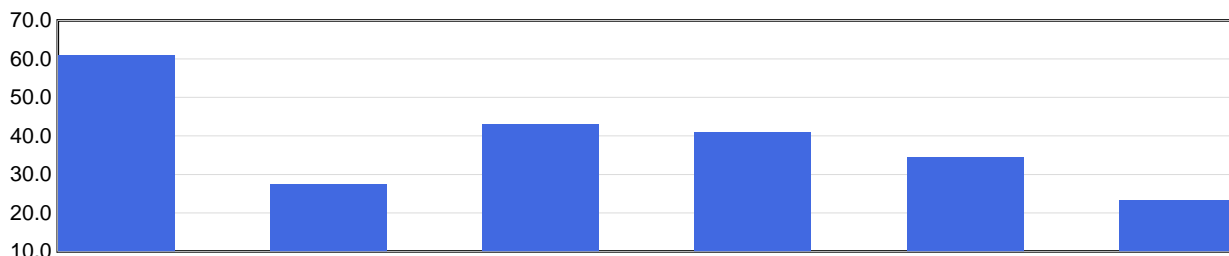
Frequency Rate	2019	2020	2021	2022	2023	2024 YTD
	0.95	0.50	1.21	1.19	0.52	0.11

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

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

## Severity Rates

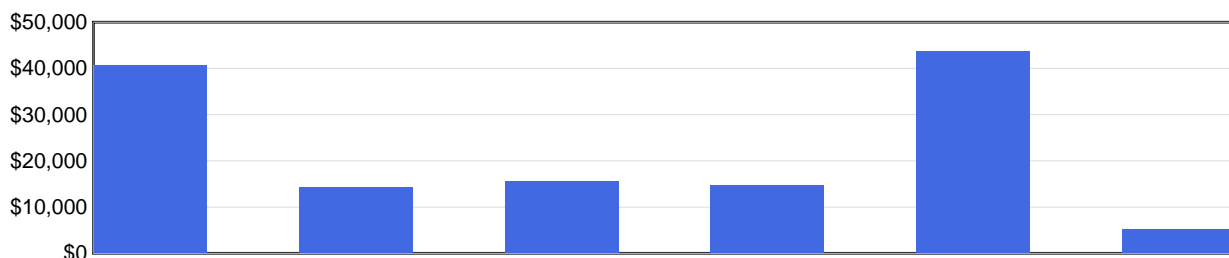
(Temporary Total Disability Days per Lost Time Claim)



Severity Rate	2019	2020	2021	2022	2023	2024 YTD
	61.0	27.5	43.2	41.0	34.5	23.3

Severity Rate = Total TTDs / Total LTCs

## Average Cost Per LTC



Avg Cost / Claim	2019	2020	2021	2022	2023	2024 YTD
	\$40,661	\$14,301	\$15,497	\$14,639	\$43,788	\$5,124

Average Cost Per LTC = Total LTC Costs / Total LTCs

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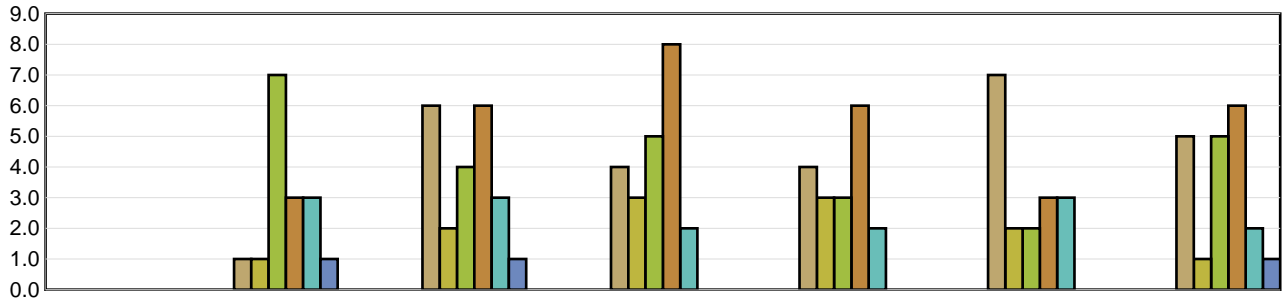
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Industry: 42184 Mechanical Insulation - Install/Service

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

## Number of LTCs

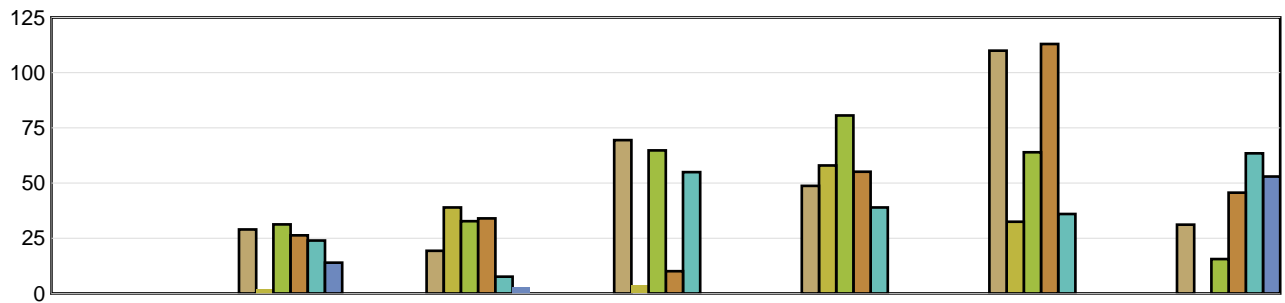
(by age of injured worker and by occurrence year)



	Under 19	19 to 26	27 to 34	35 to 42	43 to 50	51 to 58	Over 58
2019	N/A	1	6	4	4	7	5
2020	N/A	1	2	3	3	2	1
2021	N/A	7	4	5	3	2	5
2022	N/A	3	6	8	6	3	6
2023	N/A	3	3	2	2	3	2
2024 YTD	N/A	1	1	N/A	N/A	N/A	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	29.00	19.33	69.50	48.75	110.00	31.20
2020	N/A	2.00	39.00	3.67	58.00	32.50	0.00
2021	N/A	31.29	32.75	64.80	80.67	64.00	15.60
2022	N/A	26.33	34.00	10.13	55.17	113.00	45.67
2023	N/A	24.00	7.67	55.00	39.00	36.00	63.50
2024 YTD	N/A	14.00	3.00	N/A	N/A	N/A	53.00

LTCs with no birthdate recorded are not included in band subtotals

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Industry: 42184 Mechanical Insulation - Install/Service

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	9	4	4	9	4	1	31
Overexertion	1	1	7	4	3	0	16
Exposure to Harmful Substances	3	1	6	4	0	0	14
Bodily Reaction and Exertion	4	2	3	3	1	0	13
RMI	3	1	0	3	2	1	10

Type of Accident	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Falls	31	26.96%	59.77	1,853	\$36,664	\$1,136,598
Overexertion	16	13.91%	30.19	483	\$10,171	\$162,734
Exposure to Harmful Substances	14	12.17%	10.50	147	\$11,930	\$167,013
Bodily Reaction and Exertion	13	11.30%	50.77	660	\$17,778	\$231,119
RMI	10	8.70%	65.60	656	\$15,558	\$155,581
All Others	31	26.96%	35.26	1,093	\$30,967	\$959,989
<b>Totals</b>	<b>115</b>	<b>100.00%</b>	<b>42.54</b>	<b>4,892</b>	<b>\$24,461</b>	<b>\$2,813,034</b>

Part of Body							
Top 5 by Total LTCs							
Part of Body	2019	2020	2021	2022	2023	2024 YTD	Totals
Back	2	3	5	4	2	1	17
Trunk	6	1	2	7	0	0	16
Arms	5	2	3	2	3	0	15
Knee(s)	2	2	3	0	2	1	10
Body System(s)	2	0	6	2	0	0	10

Part of Body	Total LTCs (2019 to date)	Percentage of LTCs	Average Duration	Total TTD	Average LTC Costs	Total LTC Costs
Back	17	14.78%	28.71	488	\$5,969	\$101,471
Trunk	16	13.91%	69.31	1,109	\$33,183	\$530,932
Arms	15	13.04%	33.73	506	\$12,701	\$190,509
Knee(s)	10	8.70%	65.50	655	\$25,958	\$259,578
Body System(s)	10	8.70%	29.00	290	\$8,042	\$80,419
All Others	47	40.87%	39.23	1,844	\$35,109	\$1,650,124
<b>Totals</b>	<b>115</b>	<b>100.00%</b>	<b>42.54</b>	<b>4,892</b>	<b>\$24,461</b>	<b>\$2,813,034</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	9	5	13	10	5	1	43
Oth Traumatic Injuries	1	2	0	4	4	0	11
Fracture/Dislocation/Nerve Damage	4	1	1	2	2	1	11
Superficial Wounds	1	0	0	4	1	1	7
Peripheral Nerve Dmg/Carpal Tunnel	1	0	0	3	2	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	43	37.39%	41.70	1,793	\$14,308	\$615,256
Oth Traumatic Injuries	11	9.57%	18.18	200	\$51,102	\$562,123
Fracture/Dislocation/Nerve Damage	11	9.57%	88.64	975	\$33,470	\$368,175
Superficial Wounds	7	6.09%	11.14	78	\$3,349	\$23,441
Peripheral Nerve Dmg/Carpal Tunnel	6	5.22%	82.00	492	\$25,106	\$150,633
All Others	37	32.17%	36.59	1,354	\$29,552	\$1,093,406
<b>Totals</b>	<b>115</b>	<b>100.00%</b>	<b>42.54</b>	<b>4,892</b>	<b>\$24,461</b>	<b>\$2,813,034</b>

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