



WSI

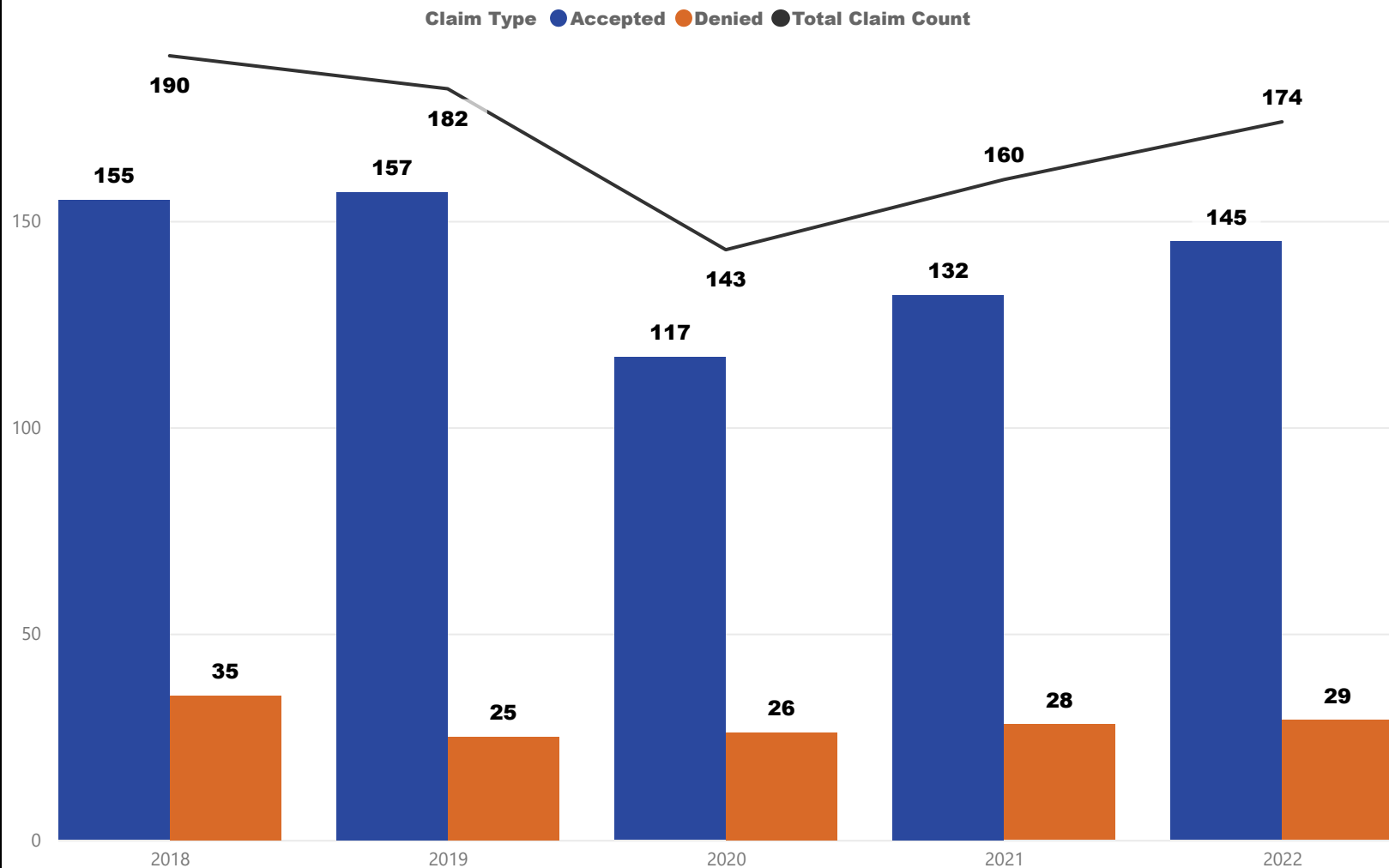
North Dakota Workforce
Safety & Insurance

2018-2022 Detailed Claims Analysis

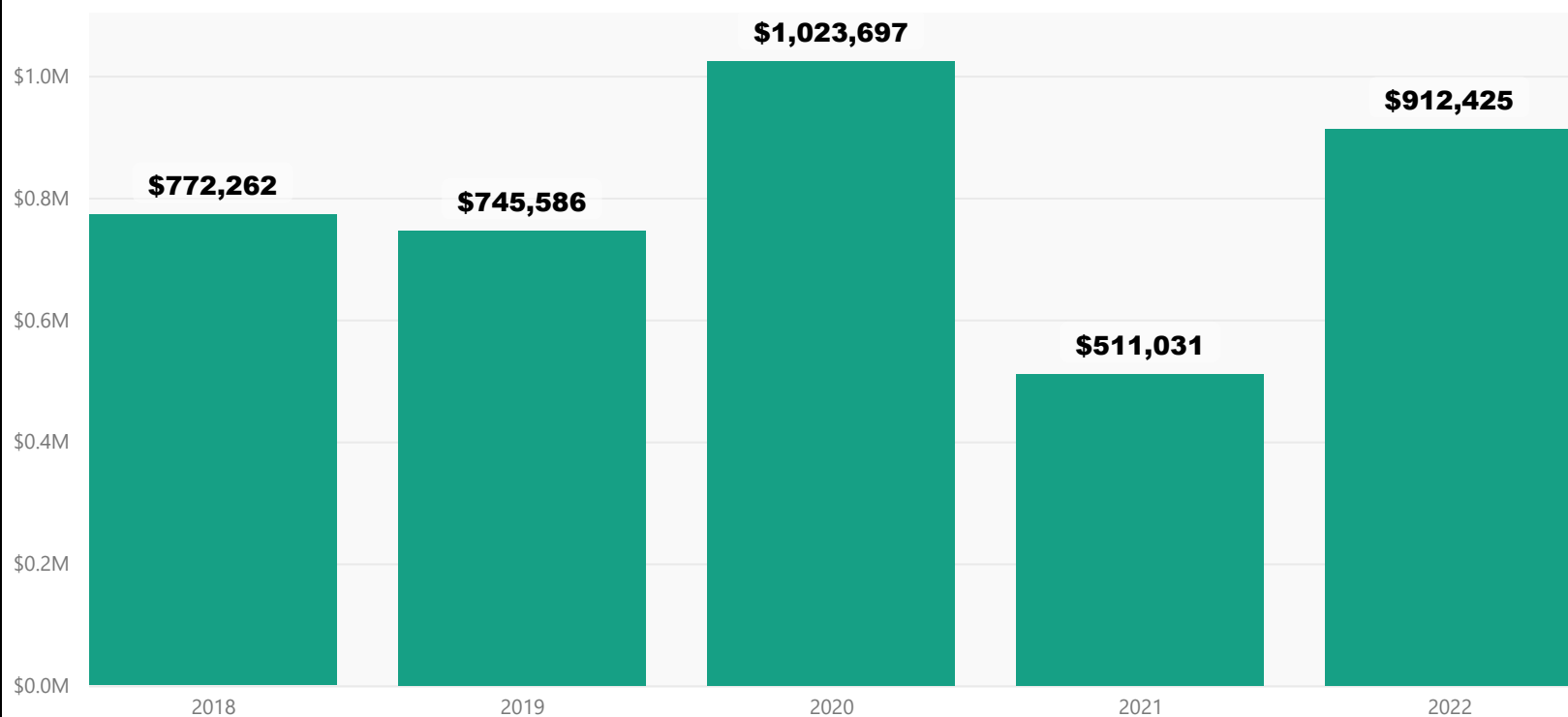
ELECTRICAL

Rate Classes

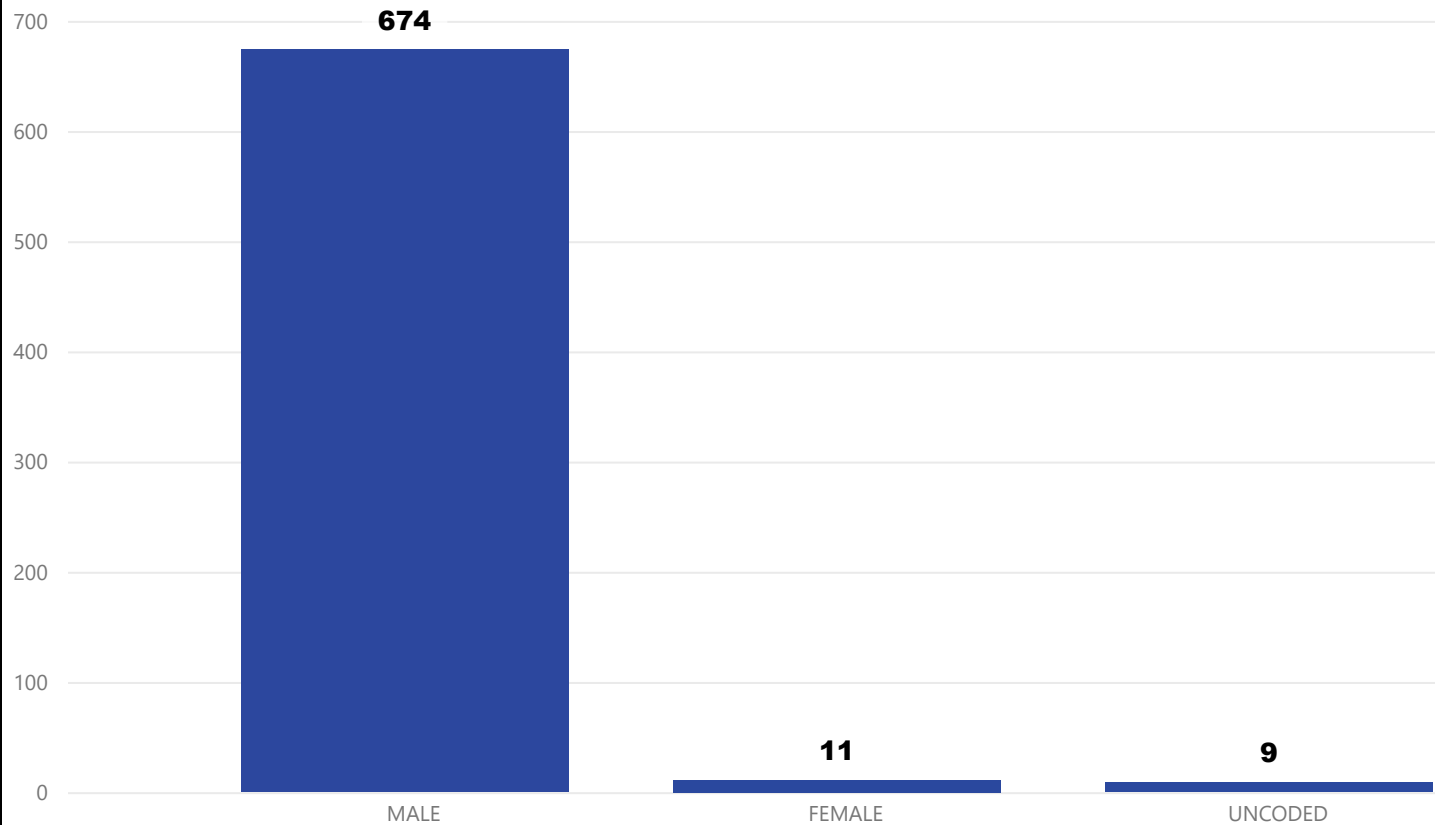
Total Claims



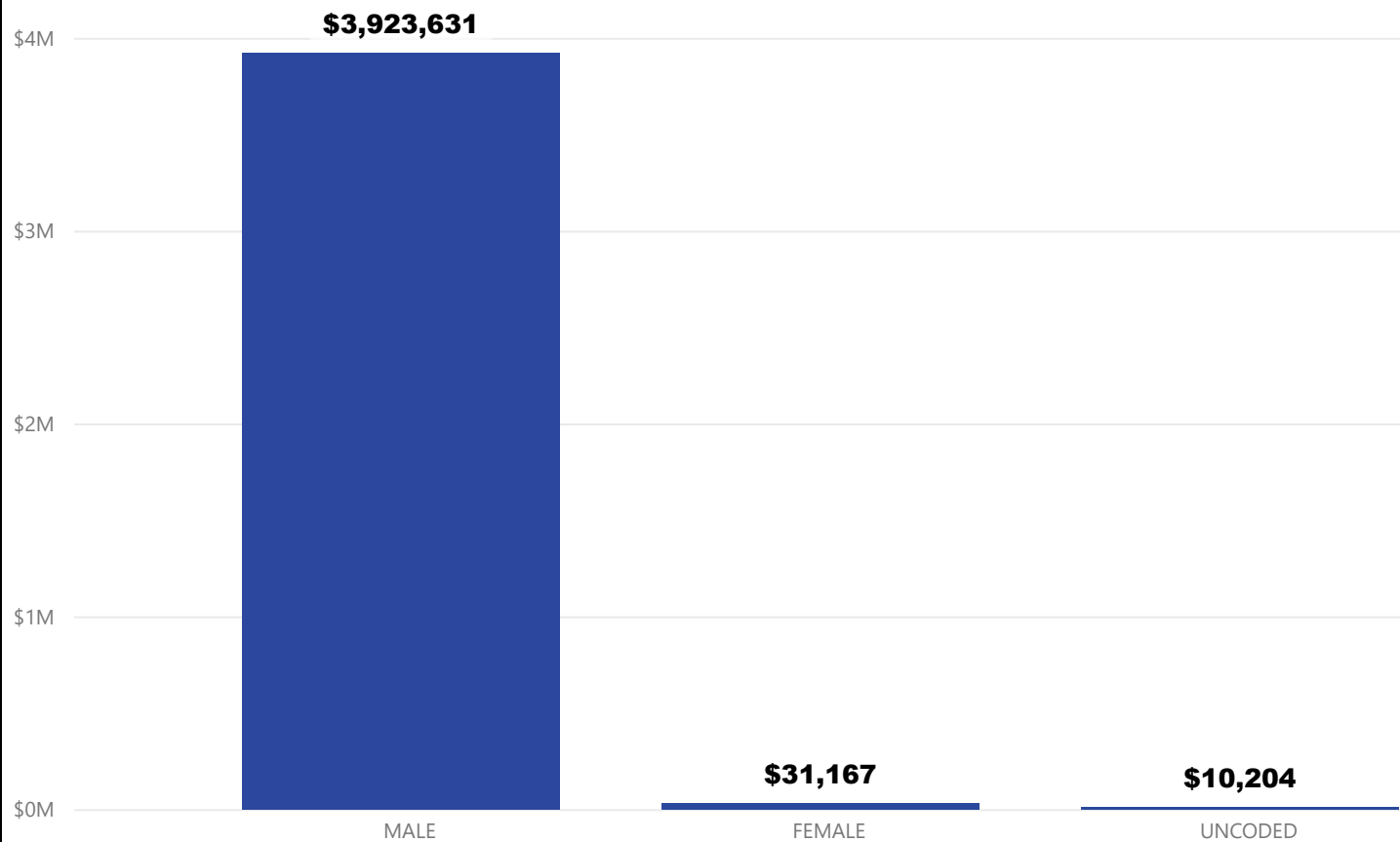
Total Cost Incurred



Claims by Gender

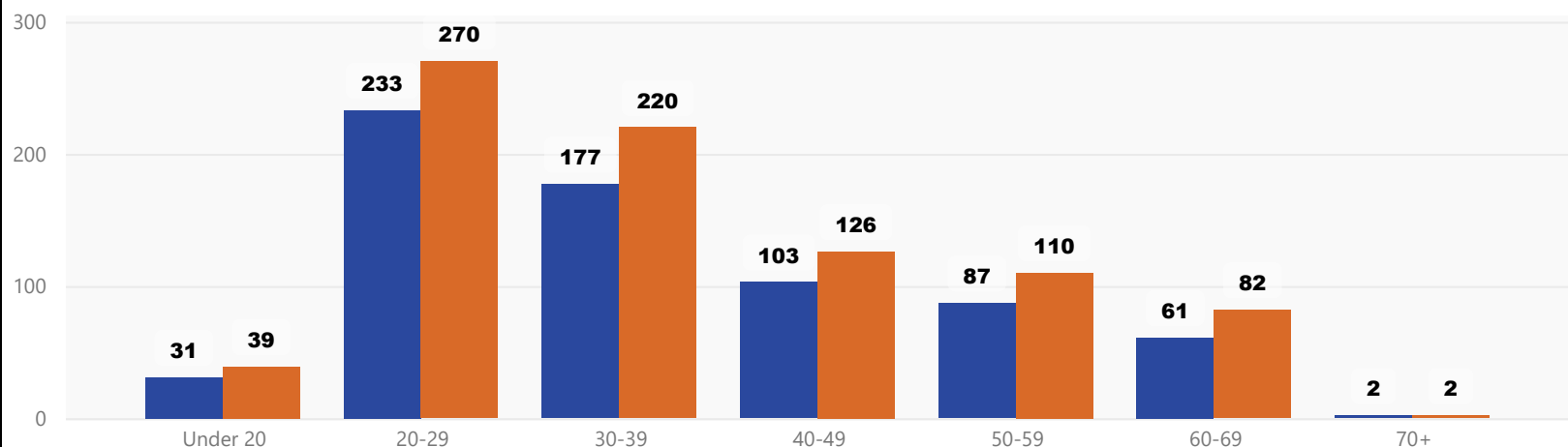


Claims by Gender

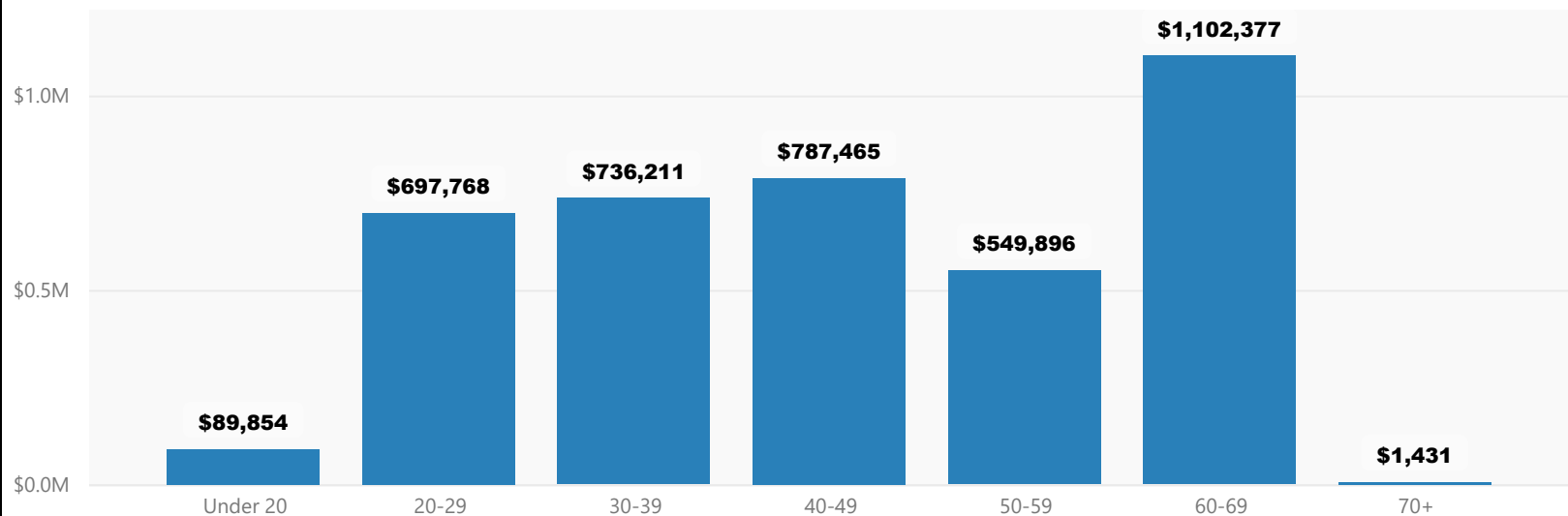


Age - Time of Injury

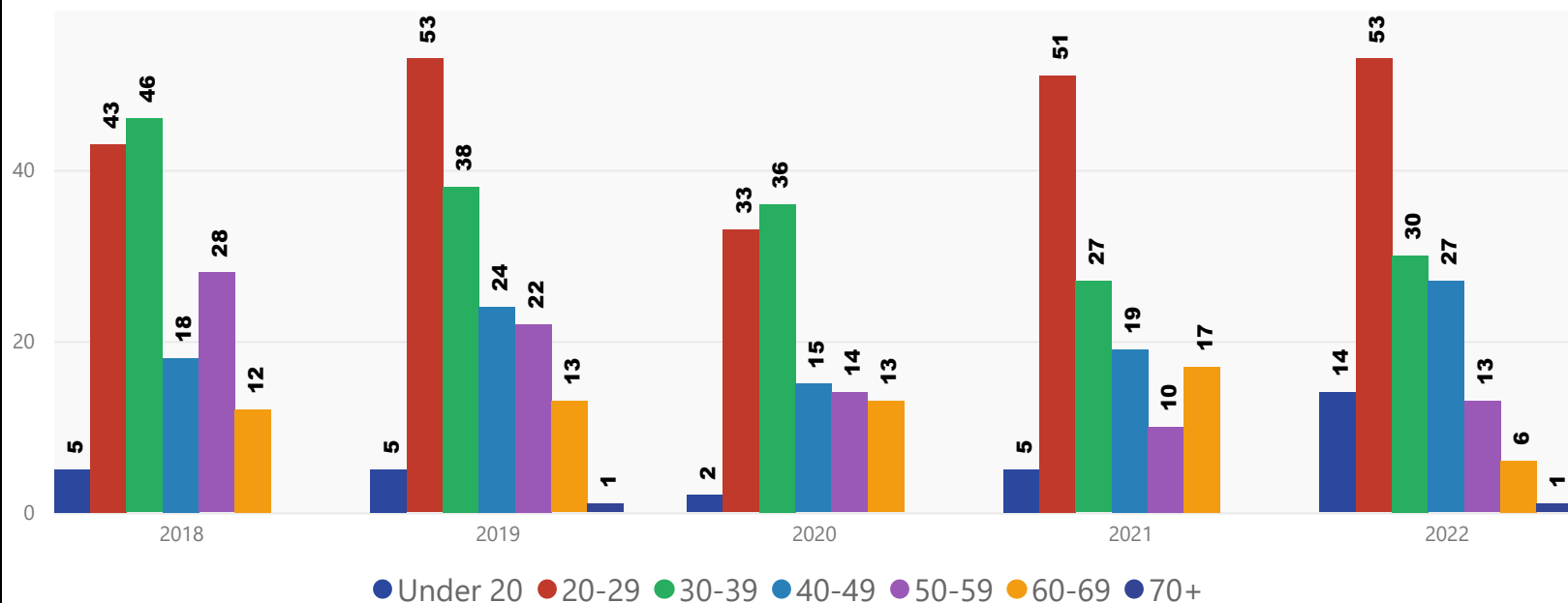
Accepted Claim Count Total Claim Count



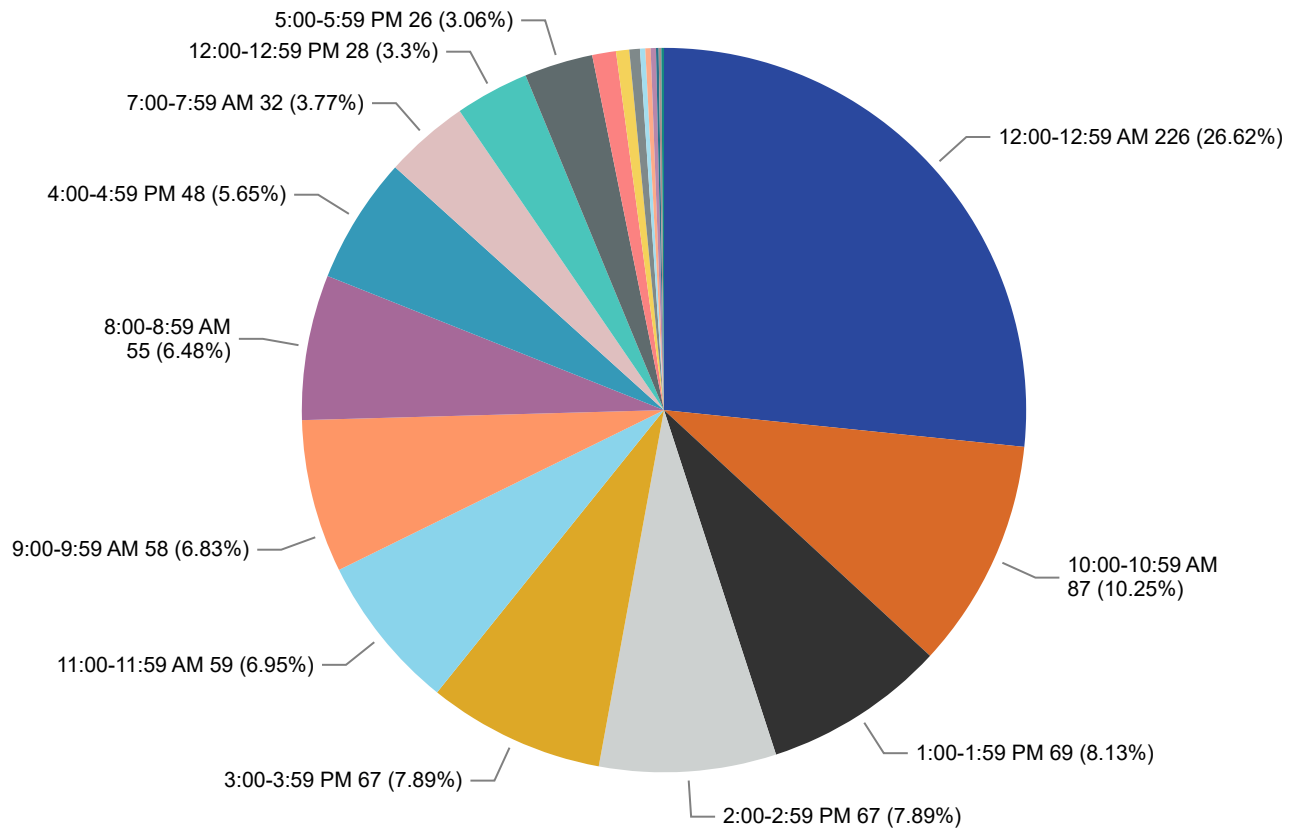
Age - Time of Injury



Claims by Age - Yearly



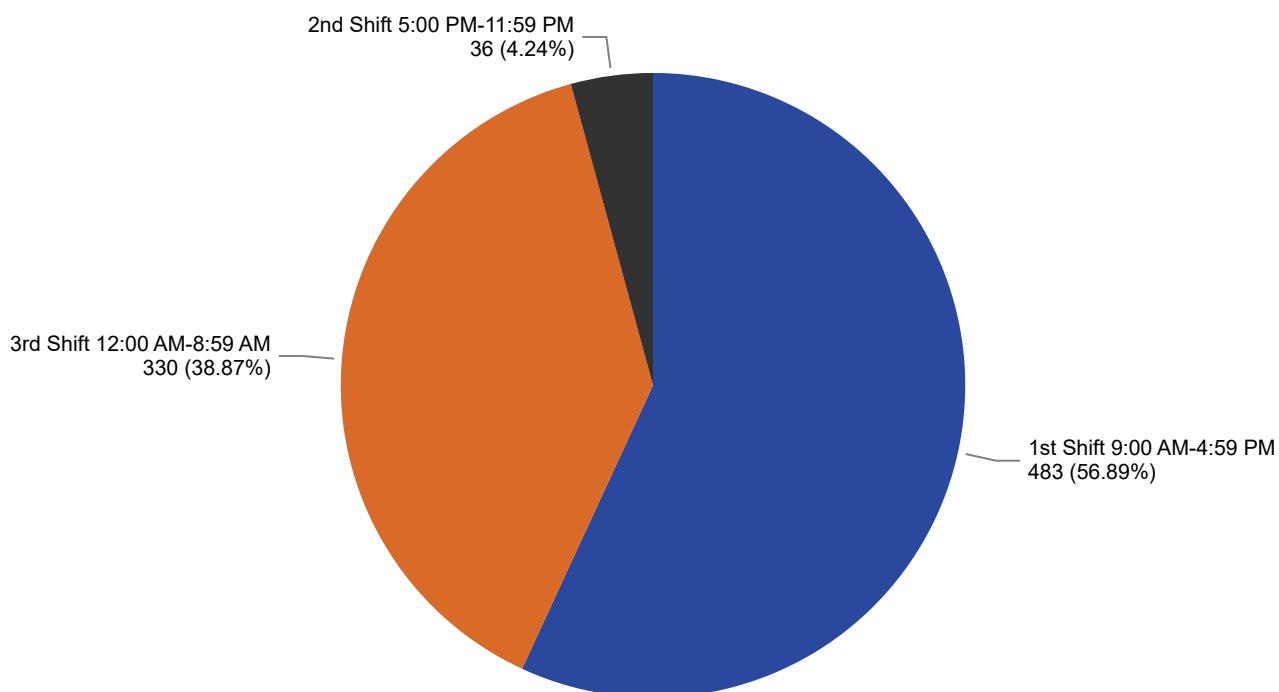
Time of Day



Time of Day by Shift

Time of Shift

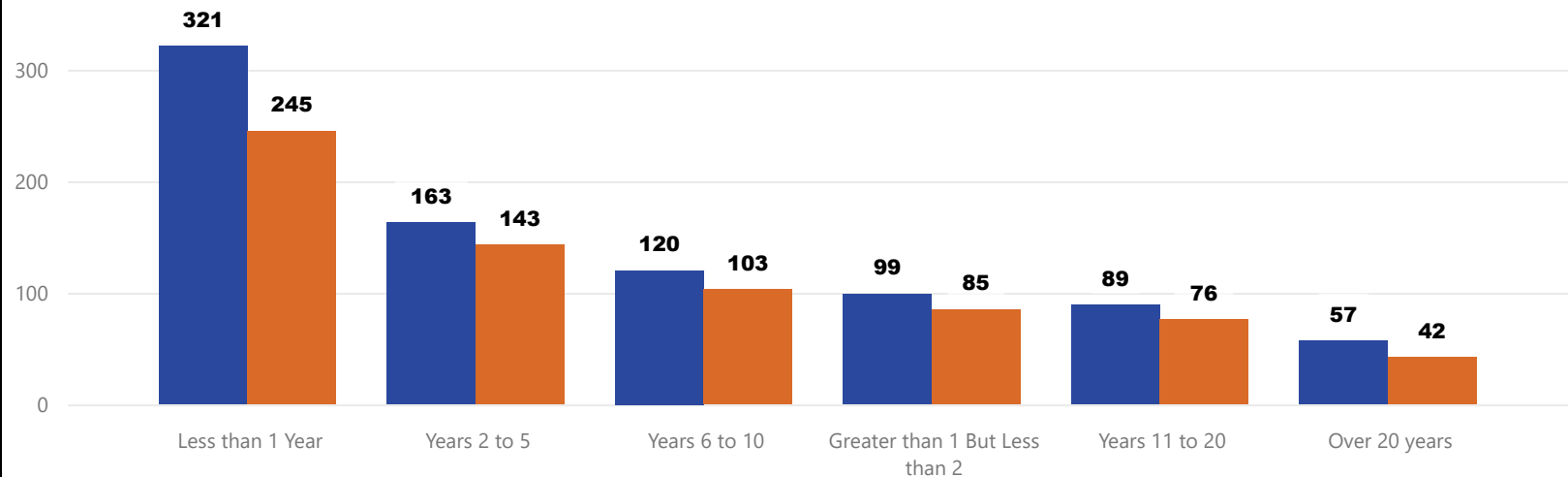
- 1st Shift 9:00 AM-4:59 PM
- 3rd Shift 12:00 AM-8:59 AM
- 2nd Shift 5:00 PM-11:59 PM



If time of day is not specified it is auto coded as 12:00 AM

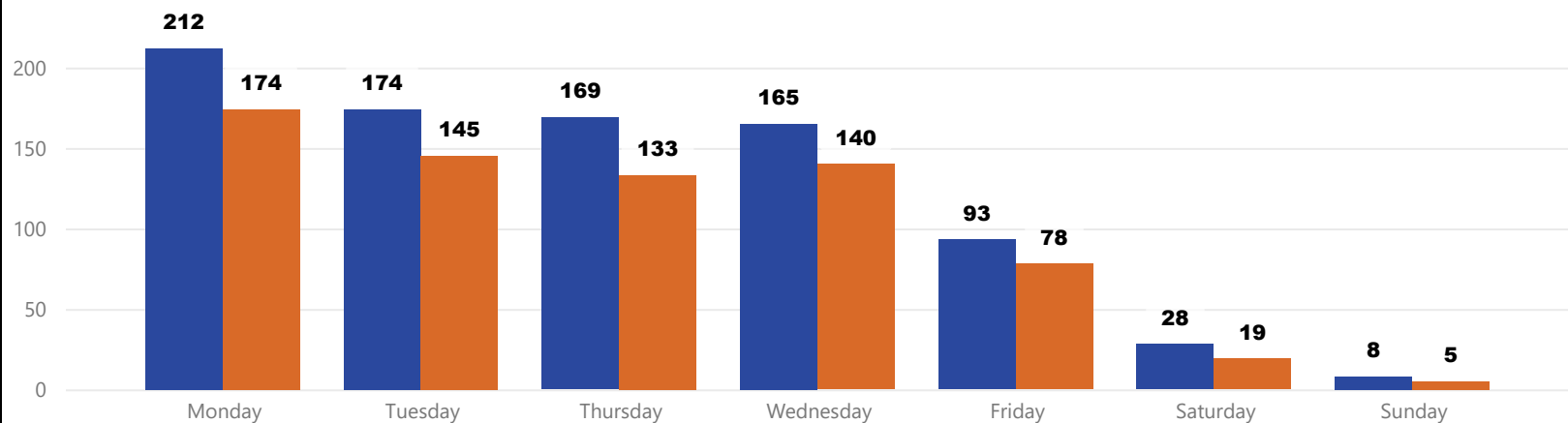
Length of Employment

Claim Type ● Total Claim Count ● Accepted Claim Count



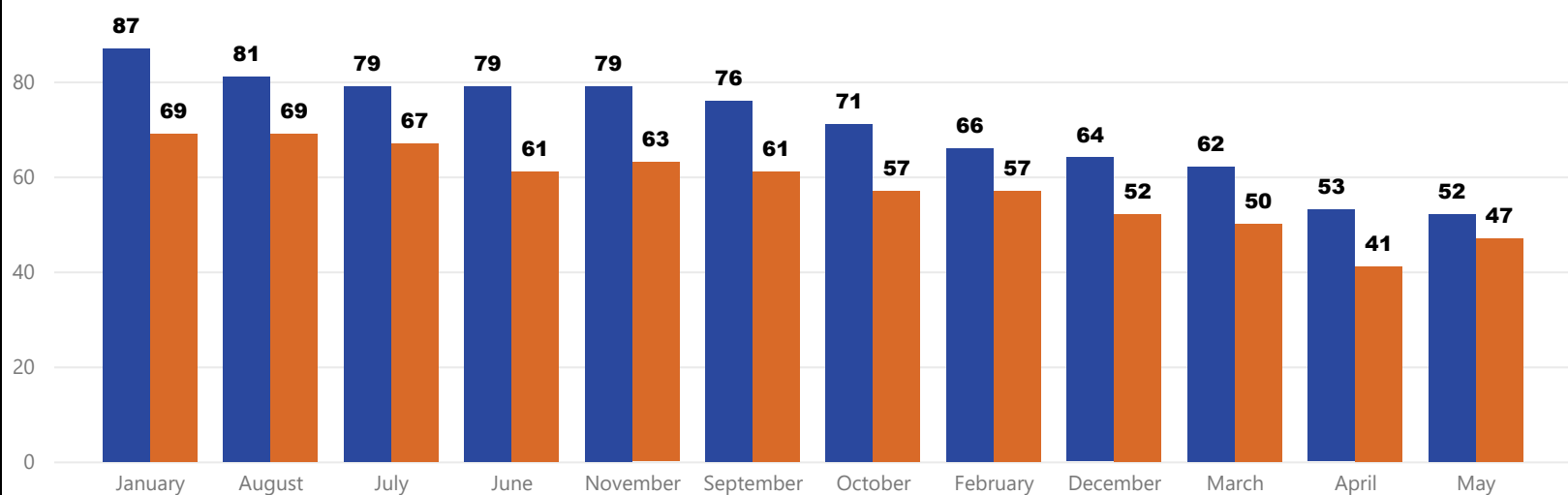
Day of Injury

Claim Type ● Total Claim Count ● Accepted Claim Count

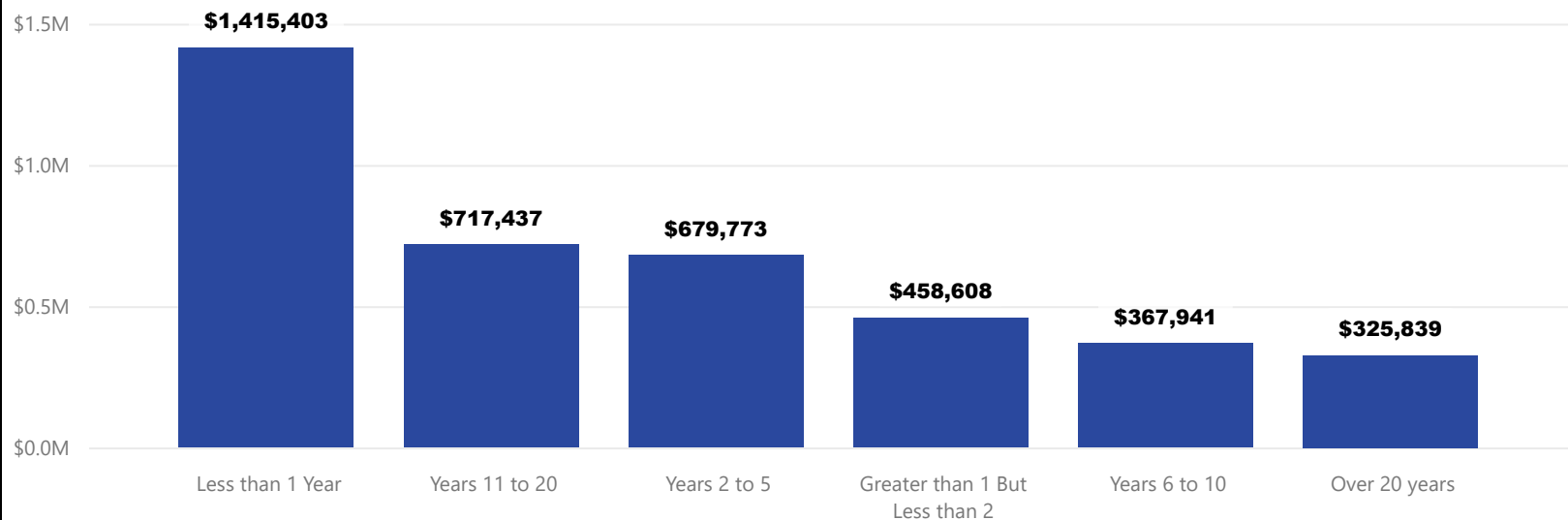


Month of Injury

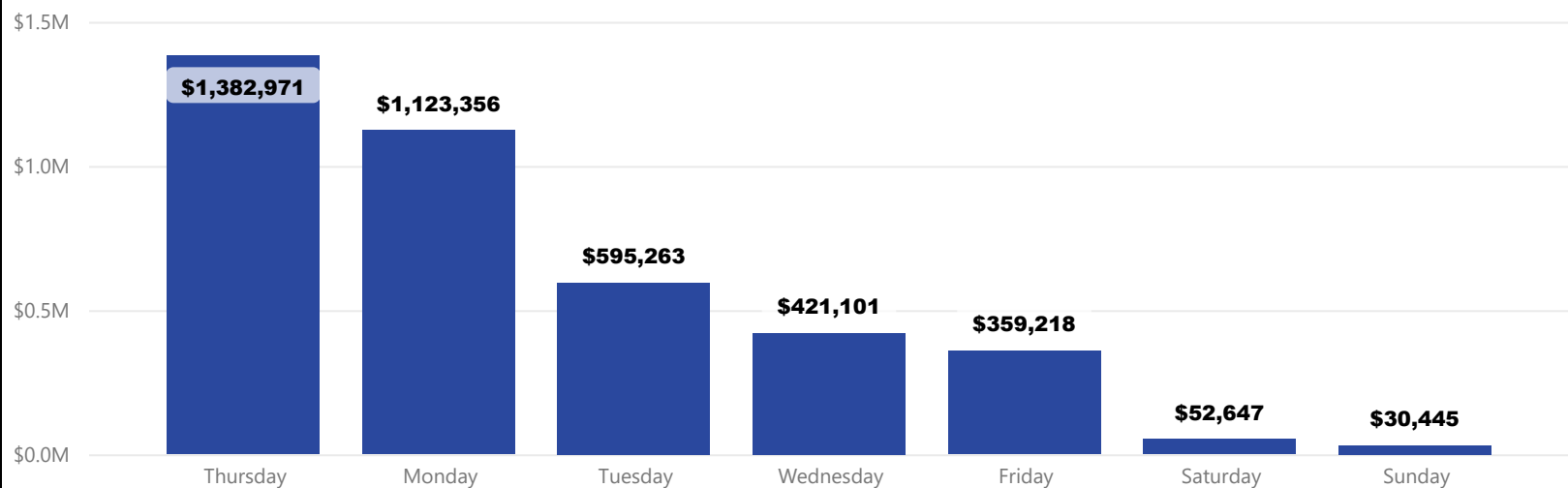
Claim Type ● Total Claim Count ● Accepted Claim Count



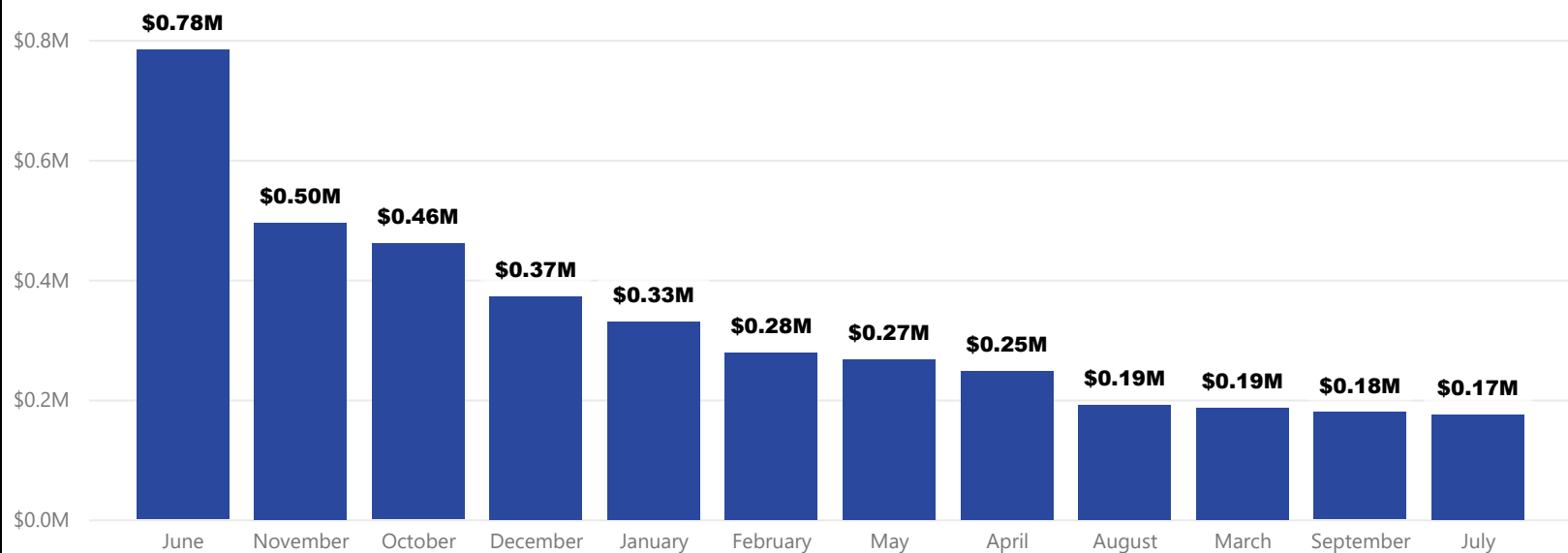
Length of Employment



Day of Injury

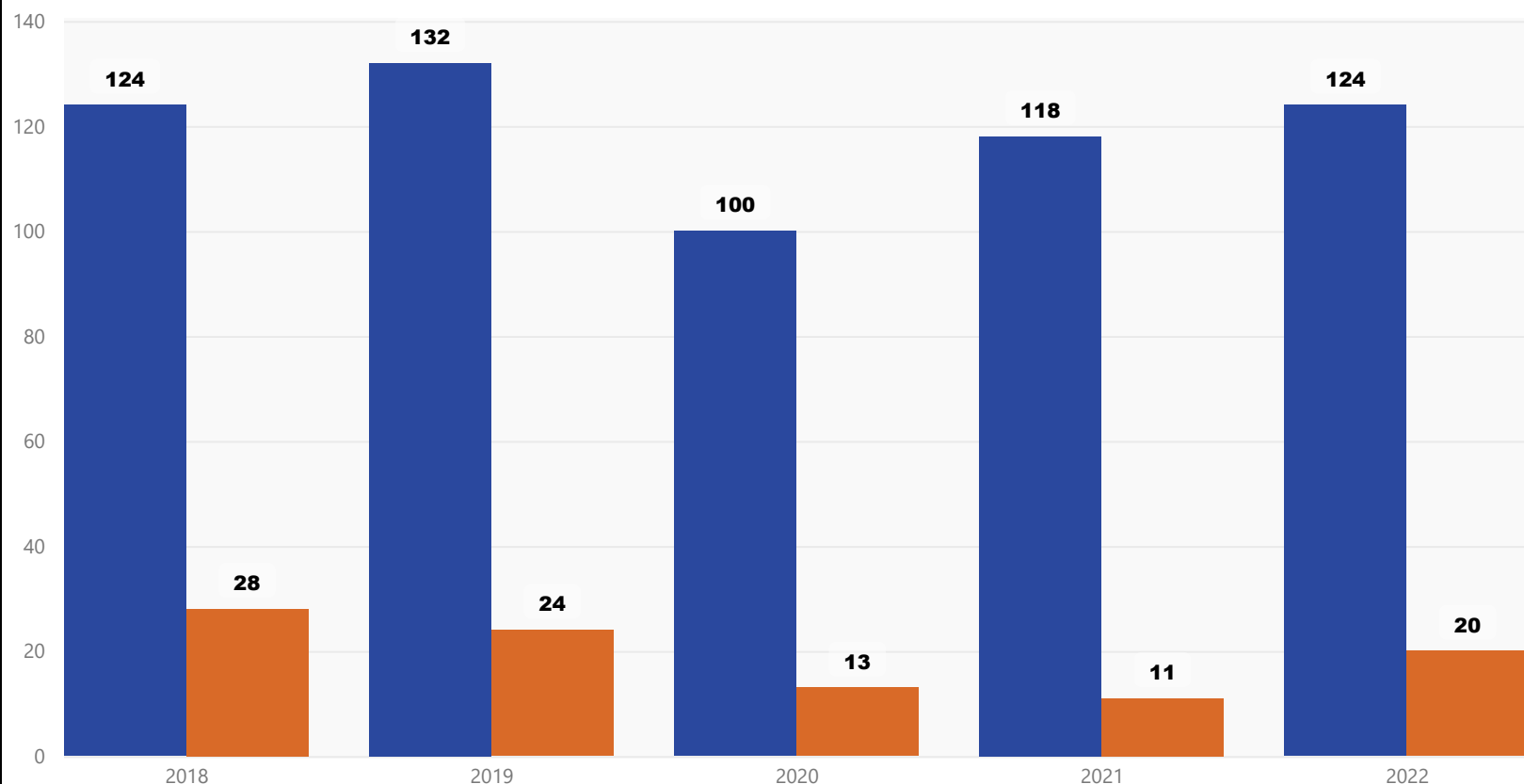


Month of Injury



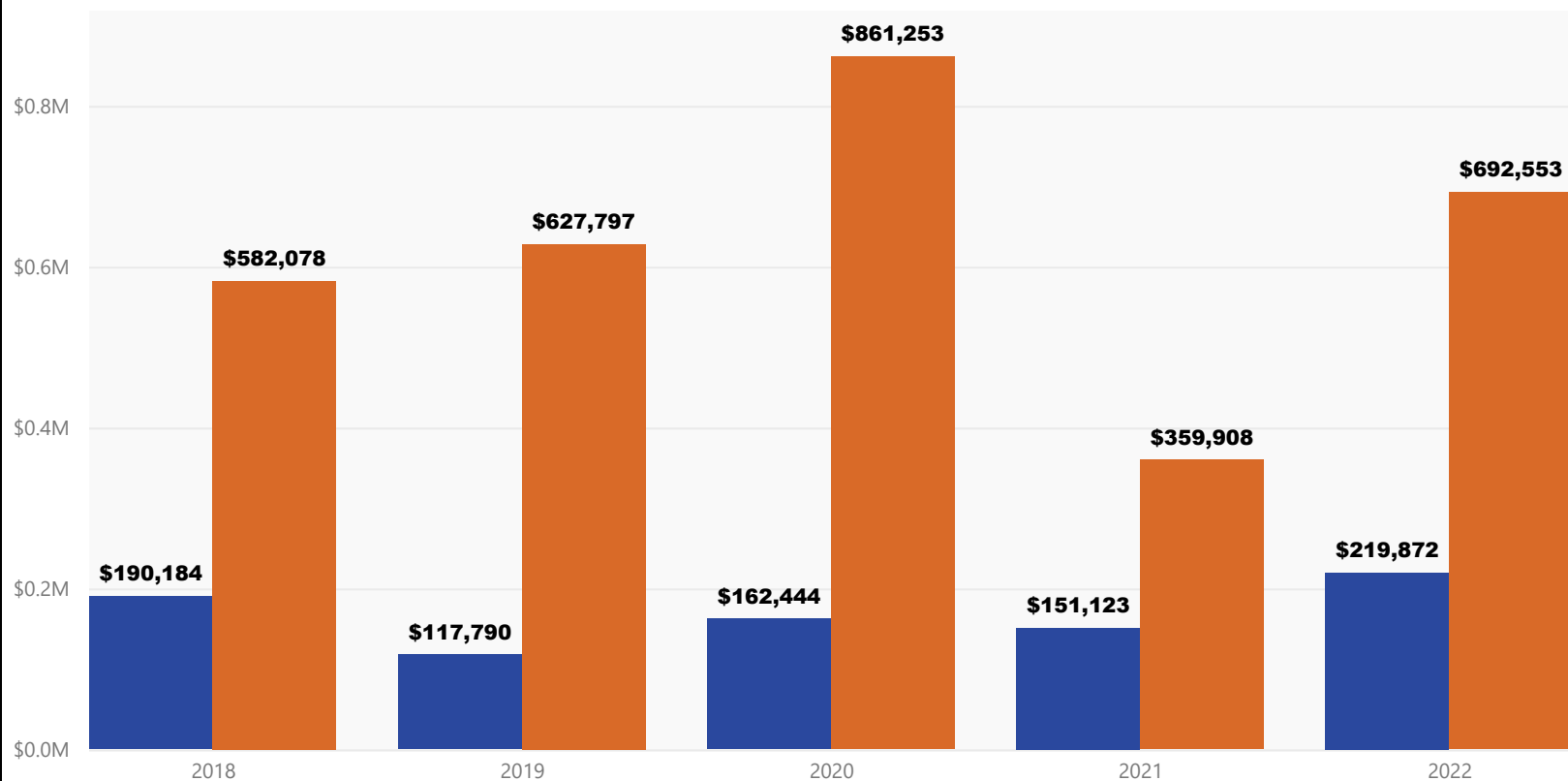
Time Loss VS Medical Only

Accepted Claim Count Type ● Medical Only ● Time Loss Claim



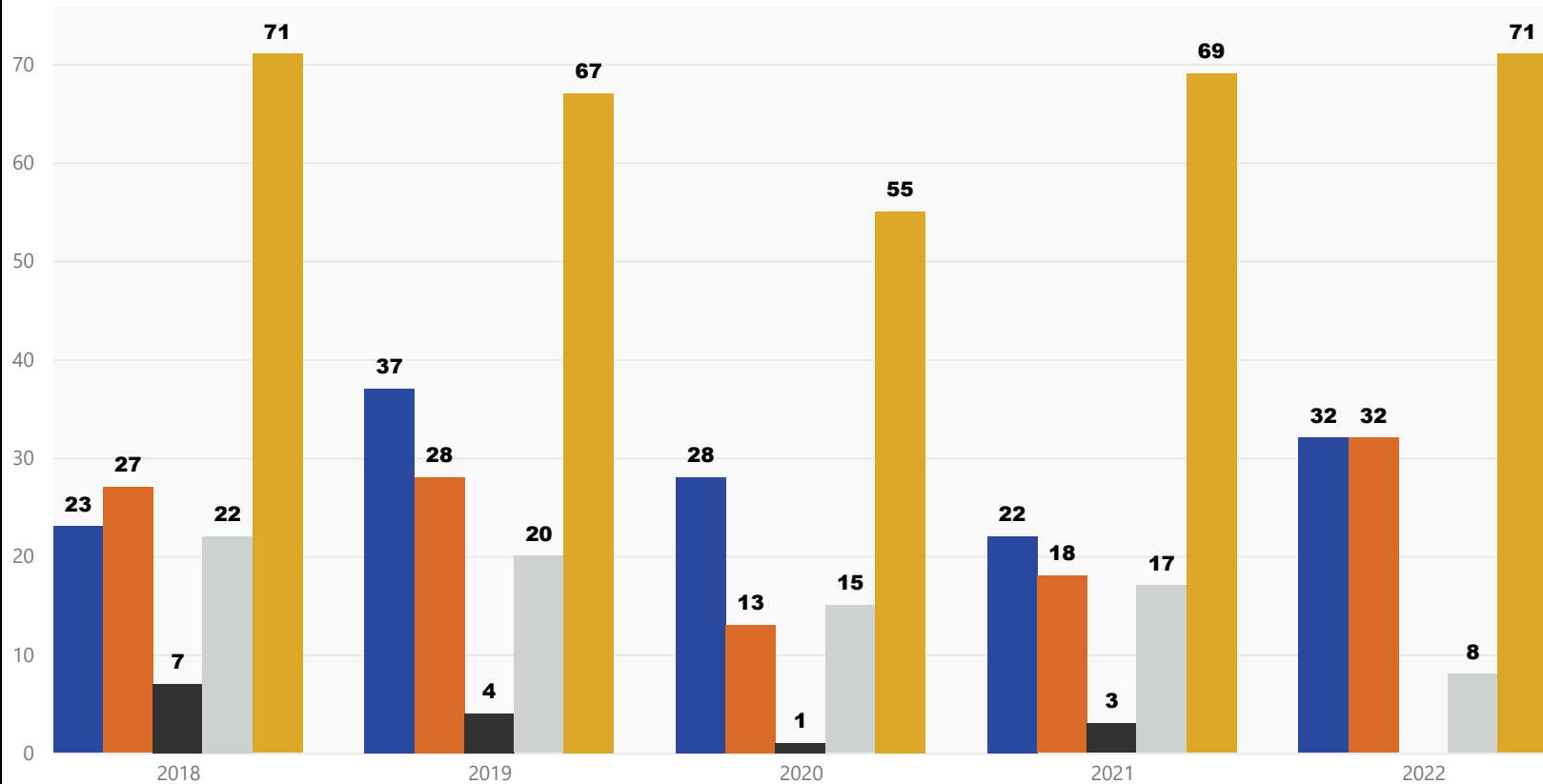
Time Loss VS Medical Only

Accepted Claim Count Incurred Cost ● Medical Only ● Time Loss Claim



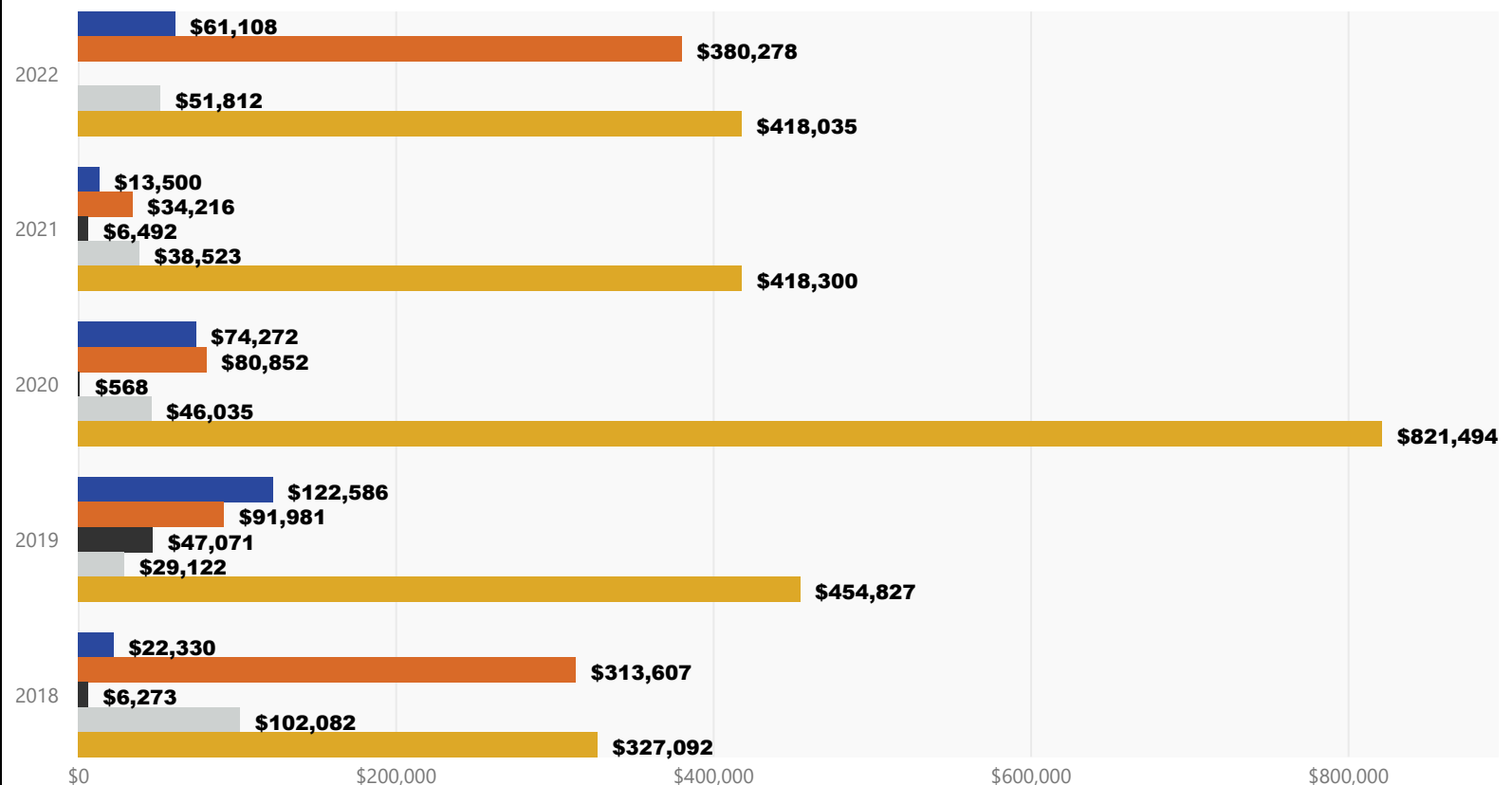
Yearly Distribution of Claims Submitted by Body Part Top 5

Accepted Claim Count Type ● Head ● Lower Extremities ● Neck ● Trunk ● Upper Extremities



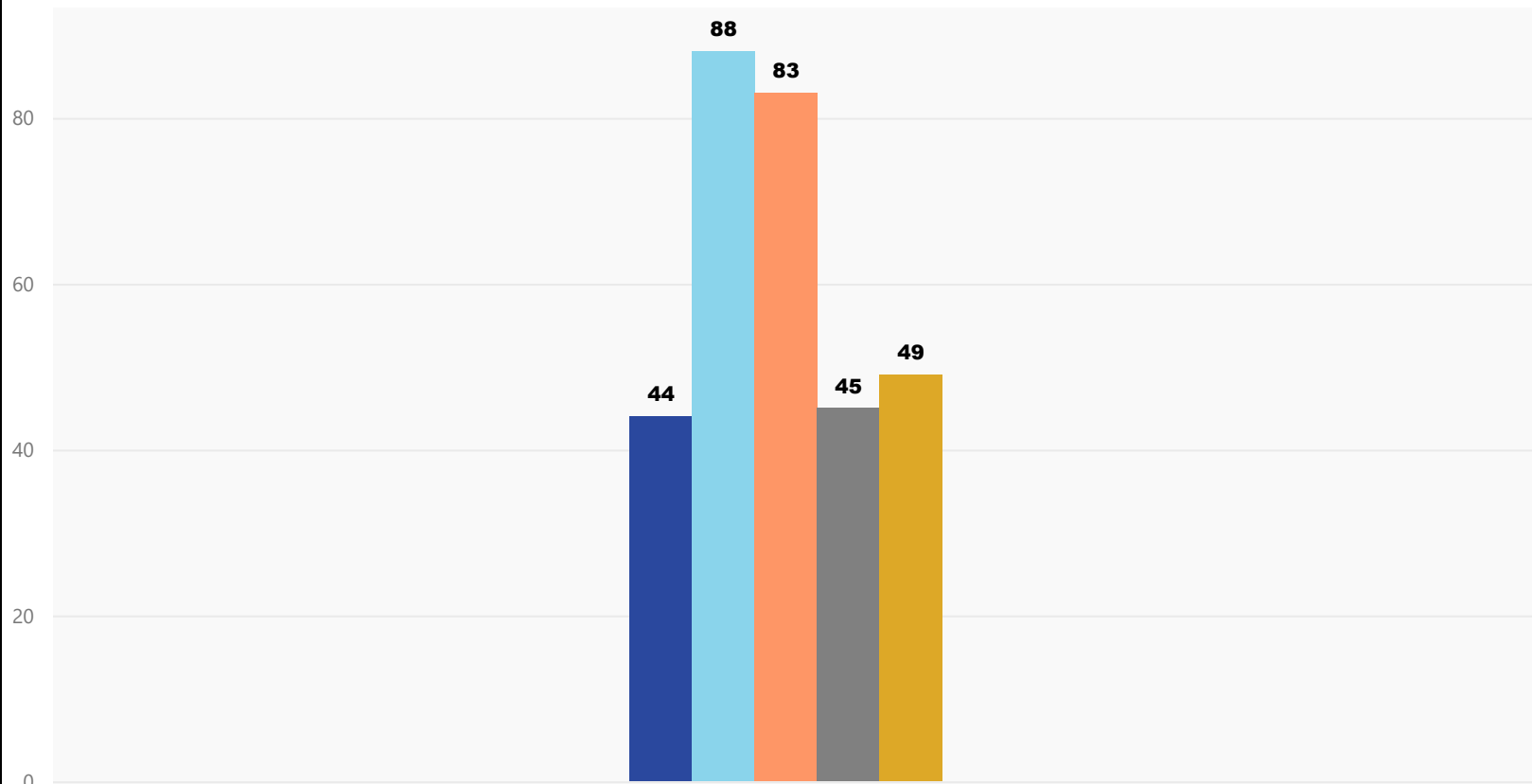
Yearly Distribution of Claims Costs by Body Part Top 5

Accepted Claim Count Type ● Head ● Lower Extremities ● Neck ● Trunk ● Upper Extremities



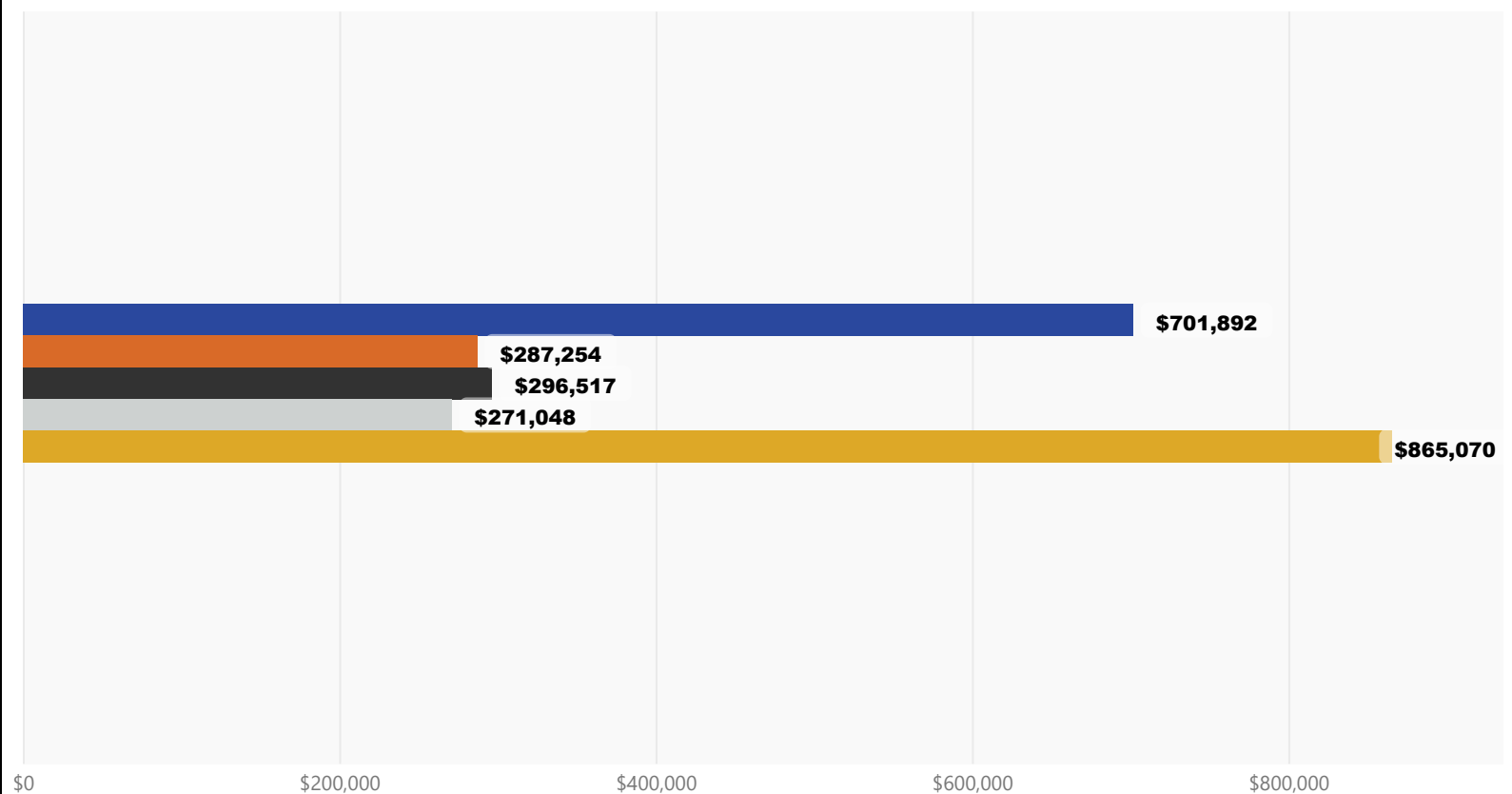
Distribution of Claims by Body Part - Top 5 by Claim Count

Accepted Claim Count Type ● 1st/Index Finger ● Eye ● Hand ● Lumbar (Low Back) ● Shoulder



Distribution of Claims by Body Part - Top 5 Incurred Cost

Accepted Claim Count Type ● 1st/Index Finger ● Ankle ● Elbow ● Knee ● Shoulder



Head

Primary Body Part	2018	2019	2020	2021	2022	Total
Ear	1		1		2	4
Eye	17	20	21	12	18	88
Facial Bones					1	1
Facial Soft Tissue		4		1	2	7
Head		7	5	4	6	22
Mouth	1	2		1		4
Nose		1		2	1	4
Scalp	1	1		1		3
Tooth	3	2	1	1	2	9
Total	23	37	28	22	32	142

Neck

Primary Body Part	2018	2019	2020	2021	Total
Cervical (Neck)	7	4	1	3	15
Trachea					
Total	7	4	1	3	15

Upper Extremities

Primary Body Part	2018	2019	2020	2021	2022	Total
1st/Index Finger	5	11	5	7	16	44
2nd/Middle Finger	5	4	11	5	5	30
3rd/Ring Finger	2		2	1	2	7
4th/Little Finger	4	1	1	4	4	14
Elbow	4	5	1		2	12
Hand	15	16	14	22	17	84
Lower Arm	5	4	4	3	2	18
Shoulder	17	11	10	15	3	56
Thumb	10	9	2	7	12	40
Upper Arm	2	2		2	1	7
Wrist	5	5	6	6	8	30
Total	74	68	56	72	72	342

Trunk

Primary Body Part	2018	2019	2020	2021	2022	Total
Abdomen/Stomach	3			1		4
Buttocks						
Chest	2	2	3	2		9
Genitals		1		1		2
Groin						
Internal Organs					1	1
Lumbar (Low Back)	14	10	9	8	5	46
Lung/Pulmonary						
Pelvis		2	1			3
Ribs	2	2	1	1	1	7
Sacrum/Coccyx	1					1
Sternum				1		1
Thoracic (Middle Back)		3	3	3	1	10
Total	22	20	17	17	8	84

Lower Extremities

Primary Body Part	2018	2019	2020	2021	2022	Total
1st Toe					1	1
4th Toe		1				1
5th/Little Toe				2		2
Ankle	5	10	3		10	28
Foot	3	3	1	2	11	20
Heel					3	3
Hip		2			1	3
Knee	14	9	8	10	3	44
Lower Leg	3	3	1	1	2	10
Upper Leg	2		1	3	1	7
Total	27	28	14	18	32	119

Other

Primary Body Part	2018	2020	2022	Total
All Body	1		1	2
No Injury	1	1		2
Total	2	1	1	4

Head

Primary Body Part	2018	2019	2020	2021	2022	Total
Ear	\$741		\$519		\$192	\$1,453
Eye	\$5,552	\$10,620	\$41,308	\$5,367	\$8,681	\$71,527
Facial Bones					\$17,249	\$17,249
Facial Soft Tissue		\$1,833		\$482	\$725	\$3,040
Head		\$106,266	\$31,653	\$3,372	\$12,099	\$153,391
Mouth	\$516	\$1,521		\$571		\$2,608
Nose		\$363		\$1,237	\$10,472	\$12,072
Scalp	\$1,602	\$317		\$356		\$2,276
Tooth	\$13,919	\$1,667	\$792	\$2,114	\$11,689	\$30,180
Total	\$22,330	\$122,586	\$74,272	\$13,500	\$61,108	\$293,795

Neck

Primary Body Part	2018	2019	2020	2021	Total
Cervical (Neck)	\$6,273	\$47,071	\$568	\$6,492	\$60,405
Trachea					
Total	\$6,273	\$47,071	\$568	\$6,492	\$60,405

Upper Extremities

Primary Body Part	2018	2019	2020	2021	2022	Total
1st/Index Finger	\$30,267	\$22,995	\$579,800	\$14,812	\$54,018	\$701,892
2nd/Middle Finger	\$10,553	\$24,172	\$26,028	\$10,776	\$2,589	\$74,118
3rd/Ring Finger	\$1,044		\$828	\$725	\$2,498	\$5,094
4th/Little Finger	\$3,838	\$619	\$8,271	\$62,976	\$1,846	\$77,551
Elbow	\$3,747	\$26,700	\$391		\$265,679	\$296,517
Hand	\$12,085	\$28,283	\$39,479	\$17,055	\$12,753	\$109,656
Lower Arm	\$3,070	\$4,241	\$2,863	\$3,188	\$436	\$13,798
Shoulder	\$233,235	\$269,139	\$106,429	\$227,490	\$28,777	\$865,070
Thumb	\$10,041	\$5,728	\$557	\$5,337	\$6,493	\$28,157
Upper Arm	\$9,726	\$882		\$53,586	\$3,910	\$68,103
Wrist	\$9,486	\$72,069	\$56,848	\$22,354	\$39,036	\$199,793
Total	\$327,092	\$454,827	\$821,494	\$418,300	\$418,035	\$2,439,748

Trunk

Primary Body Part	2018	2019	2020	2021	2022	Total
Abdomen/Stomach	\$17,495			\$188		\$17,682
Buttocks						
Chest	\$491	\$651	\$2,169	\$1,075		\$4,387
Genitals		\$4,717		\$8,327		\$13,044
Groin						
Internal Organs					\$41,270	\$41,270
Lumbar (Low Back)	\$78,059	\$14,895	\$29,105	\$25,404	\$6,913	\$154,376
Lung/Pulmonary						
Pelvis		\$3,224	\$1,155			\$4,379
Ribs	\$1,715	\$4,412	\$12,735	\$316	\$733	\$19,911
Sacrum/Coccyx	\$4,322					\$4,322
Sternum				\$873		\$873
Thoracic (Middle Back)		\$1,222	\$871	\$2,341	\$2,897	\$7,330
Total	\$102,082	\$29,122	\$46,035	\$38,523	\$51,812	\$267,574

Lower Extremities

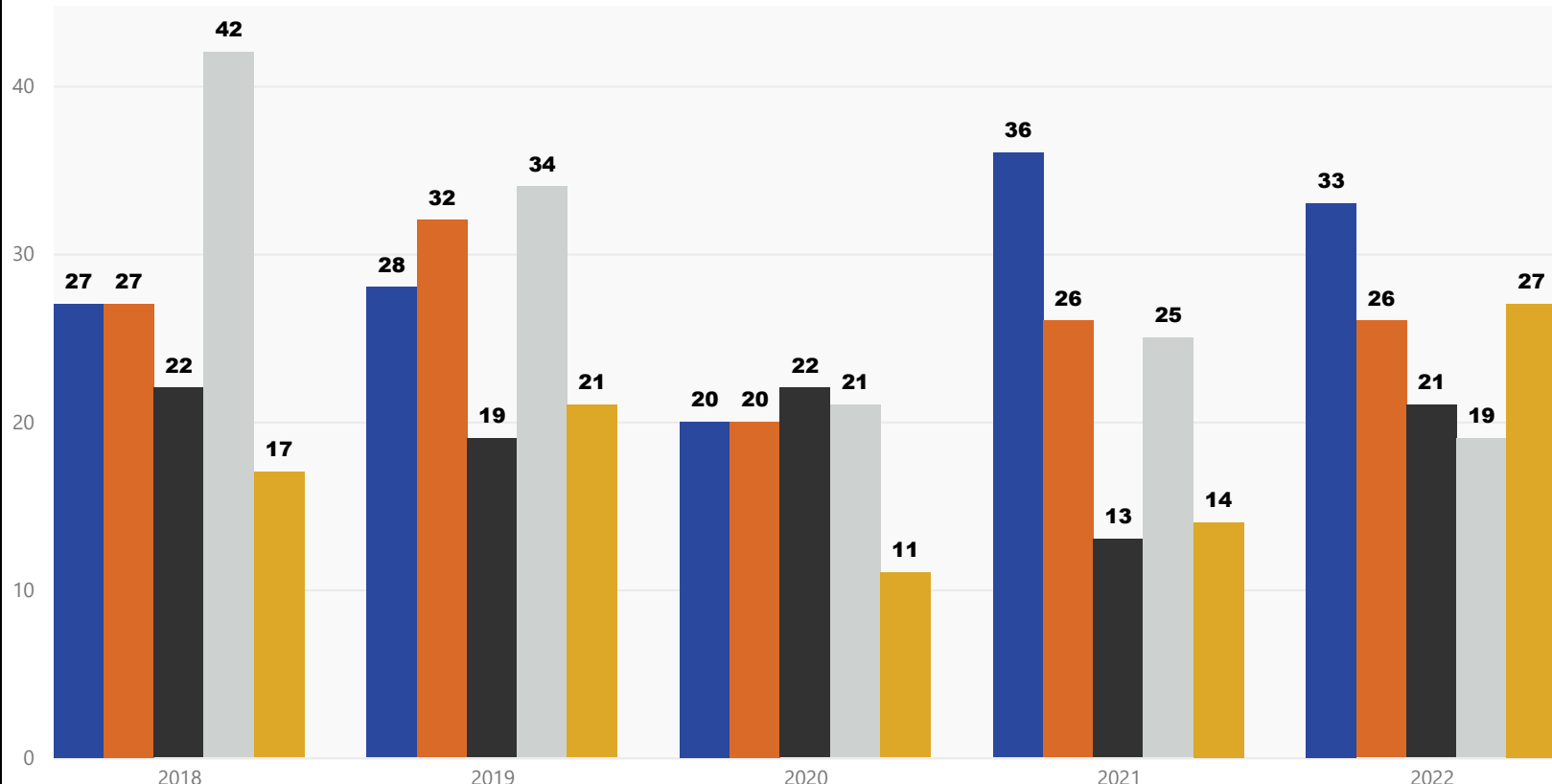
Primary Body Part	2018	2019	2020	2021	2022	Total
1st Toe					\$2,298	\$2,298
4th Toe		\$1,028				\$1,028
5th/Little Toe				\$1,013		\$1,013
Ankle	\$75,940	\$32,959	\$4,475		\$173,881	\$287,254
Foot	\$34,086	\$2,820	\$906	\$206	\$105,273	\$143,291
Heel					\$57,938	\$57,938
Hip		\$876			\$32,526	\$33,402
Knee	\$139,803	\$53,052	\$46,351	\$25,602	\$6,240	\$271,048
Lower Leg	\$62,559	\$1,246	\$28,422	\$956	\$1,653	\$94,835
Upper Leg	\$1,218		\$698	\$6,439	\$470	\$8,825
Total	\$313,607	\$91,981	\$80,852	\$34,216	\$380,278	\$900,932

Other

Primary Body Part	2018	2020	2022	Total
All Body	\$178		\$1,192	\$1,370
No Injury	\$701	\$476		\$1,177
Total	\$879	\$476	\$1,192	\$2,548

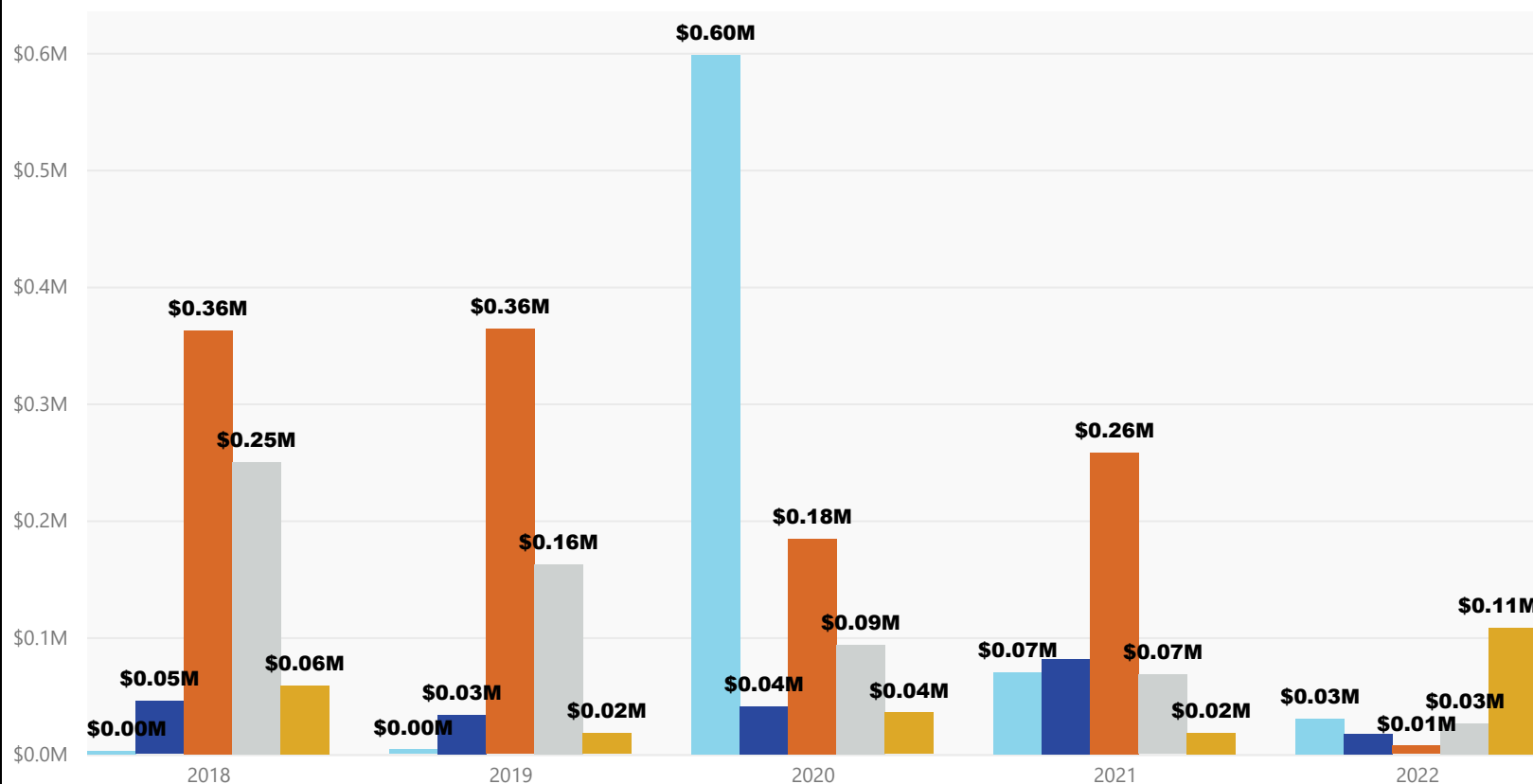
Yearly Distribution of Claims by Injury Cause Top 5

Accepted Claim Count Type ● Cut, Puncture, Scrape Injured By ● Fall or Slip Injury ● Miscellaneous Causes ● Strain or Injury By ● Struck or Injured By

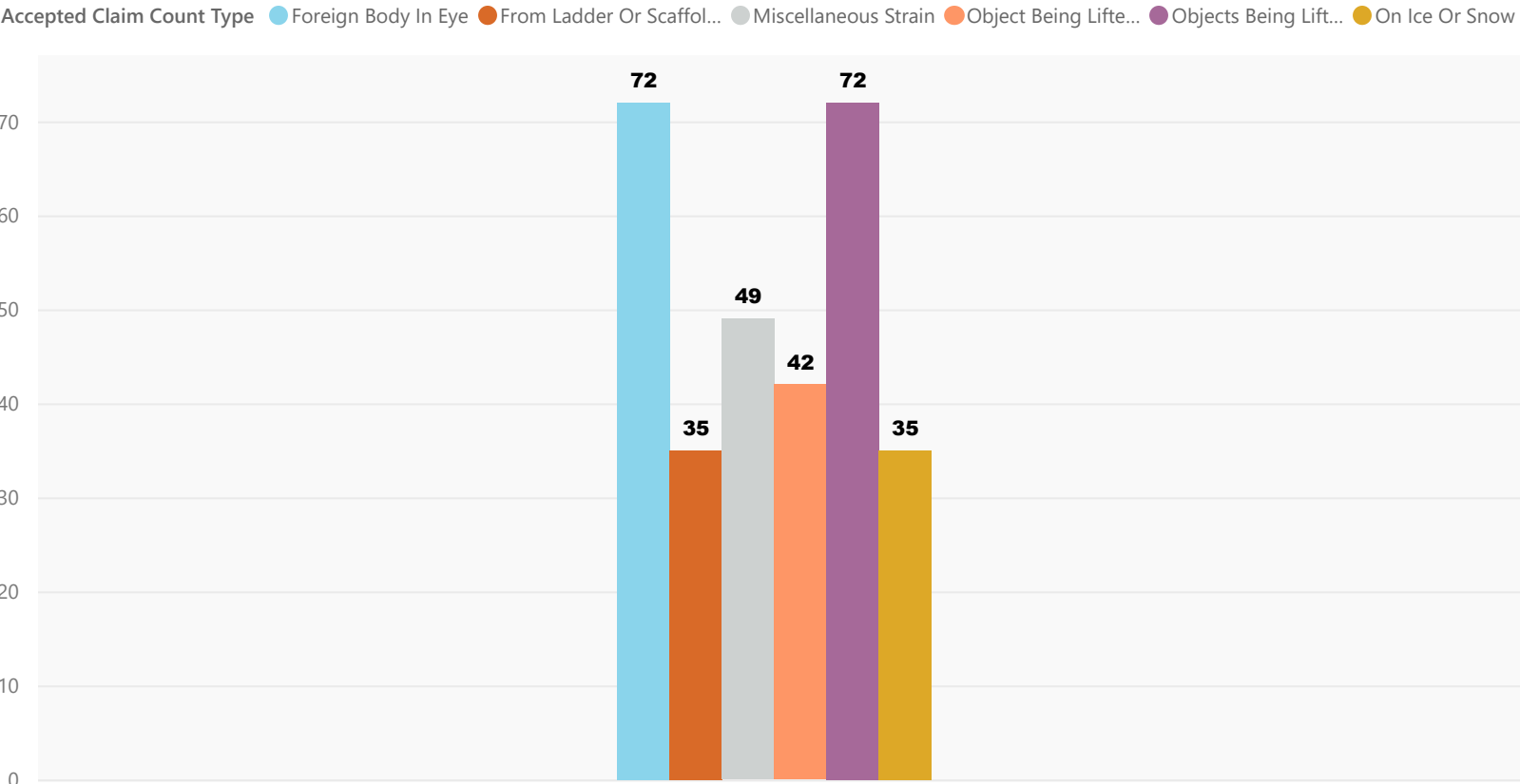


Yearly Distribution of Claims Costs by Injury Cause Top 5

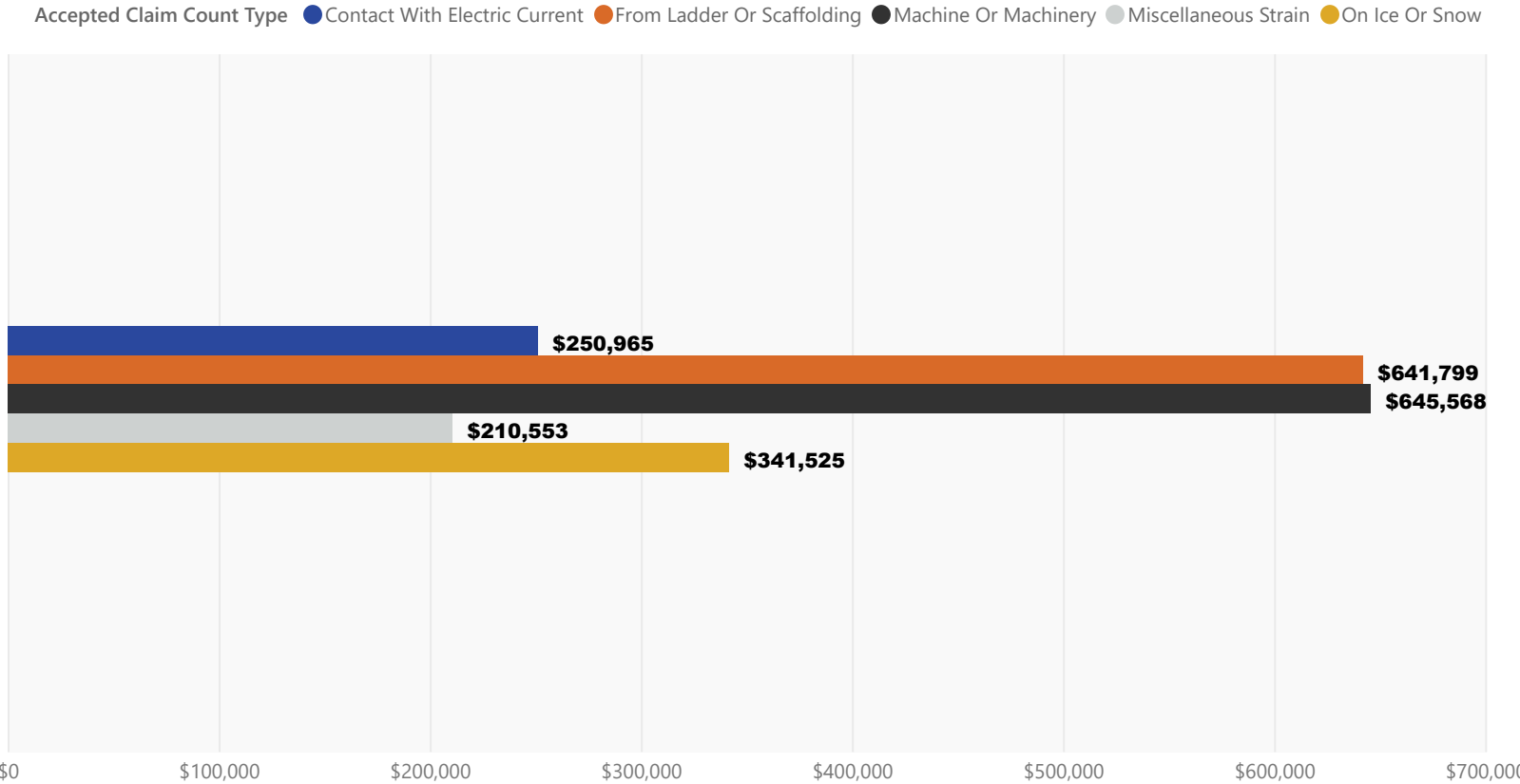
Accepted Claim Count Type ● Caught in or Between ● Cut, Puncture, Scrape Injured By ● Fall or Slip Injury ● Strain or Injury By ● Struck or Injured By



5 Year Combined Distribution of Claims by Injury Cause - Top 5 by Claim Count



5 Year Combined Distribution of Claims by Injury Cause - Top 5 Incurred Costs



Burn, Scald-Heat or Cold Exposure

Injury Cause	2018	2019	2020	2021	2022	Total
Acid Chemicals						
Contact With Hot Object	1	1			3	5
Fire Or Flame		1			2	3
Miscellaneous Heat Or Cold Exposure	1	1				2
Steam Or Hot Fluids			1		1	2
Temperature Extremes						
Welding Operations			2	1		3
Total	2	3	3	1	6	15

Caught in or Between

Injury Cause	2018	2019	2020	2021	2022	Total
Machine Or Machinery	1	2	1	3		7
Miscellaneous Caught In Or Between	1		2		1	4
Object Handled	1	1	2	3	2	9
Object Handled By Others	1		1			2
Total	4	3	6	6	3	22

Cut, Puncture, Scrape Injured By

Injury Cause	2018	2019	2020	2021	2022	Total
Broken Glass		1				1
Hand Tool Utensil Not Powered	4	4	4	10	10	32
Miscellaneous Cut Puncture Or Scrape	3	4	4	4	1	16
Objects Being Lifted Or Handled	12	11	10	20	19	72
Powered Hand Tool Appliance	8	8	2	2	3	23
Total	27	28	20	36	33	144

Fall or Slip Injury

Injury Cause	2018	2019	2020	2021	2022	Total
From Different Level	1	1	3	2	2	9
From Ladder Or Scaffolding	6	6	2	11	10	35
From Liquid Or Grease Spills	1		1			2
Into Openings	1		1	1	1	4
Miscellaneous Fall Or Slip	1	4	5	6	1	17
On Ice Or Snow	14	6	4	2	9	35
On Same Level	3	10	4	1	1	19
On Stairs		4		3	2	9
Slipped Did Not Fall		1				1
Total	27	32	20	26	26	131

Motor Vehicle

Injury Cause	2018	2019	2020	2021	Total
Collision With A Fixed Object			1		1
Collision With Another Vehicle	2	5	4	1	12
Miscellaneous Motor Vehicle	1			2	3
Motor Vehicle					
Vehicle Upset		1			1
Total	3	6	5	3	17

Rubbed or Abraded By

Injury Cause	2018	2019	2020	2021	2022	Total
Rubbed Or Abraded By (All Other)						
Total						

Strain or Injury By

Injury Cause	2018	2019	2020	2021	2022	Total
Holding Or Carrying	2	1				3
Jumping		1		1	1	3
Lifting	11	5	5	2		23
Miscellaneous Strain	7	15	10	9	8	49
Pushing Or Pulling	10	6	1	3	2	22
Reaching		1	2	3	3	9
Repetitive Motion (Carpal Tunnel Syndrome)	1					1
Repetitive Motion Kneeling Or Crawling	3		1	1		5
Twisting	6	1		3	2	12
Using Tool Or Machine	2	4	2	3	3	14
Wielding Or Throwing						
Total	42	34	21	25	19	141

Striking Against or Stepping On

Injury Cause	2018	2019	2020	2021	2022	Total
Miscellaneous Striking Against Or Stepping On	1	2	1	2	1	7
Moving Parts Of Machine	1		2		1	4
Stationary Object	5	7	2	3	6	23
Stepping On Sharp Object	1	1			1	3
Total	8	10	5	5	9	37

Struck or Injured By

Injury Cause	2018	2019	2020	2021	2022	Total
Object Being Lifted Or Handled	8	7	6	9	12	42
Hand Tool Or Machine In Use	3	9	2	3	7	24
Falling Or Flying Object	5	4	2	1	7	19
Miscellaneous Struck Or Injured By	1	1		1	1	4
Fellow Worker Patient			1			1
Total	17	21	11	14	27	90

Miscellaneous Causes

Injury Cause	2018	2019	2020	2021	2022	Total
Absorption Ingestion Or Inhalation						
Animal Or Insect		2		1	1	4
Contact With Electric Current	4	1	3	2	3	13
Continual Noise	1					1
Cumulative (All Other)			1		1	2
Explosion Or Flare Back						
Foreign Body In Eye	14	16	18	10	14	72
Mental Stress						
No Cause					1	1
Other	2				1	3
Other Than Physical Injury	1					1
Total	22	19	22	13	21	97

Burn, Scald-Heat or Cold Exposure

Injury Cause	2018	2019	2020	2021	2022	Total
Acid Chemicals						
Contact With Hot Object	\$310	\$307			\$1,975	\$2,592
Fire Or Flame		\$13,201			\$0	\$13,201
Miscellaneous Heat Or Cold Exposure	\$1,762	\$2,850				\$4,612
Steam Or Hot Fluids			\$1,413		\$786	\$2,199
Temperature Extremes						
Welding Operations			\$3,476	\$2,442		\$5,917
Total	\$2,073	\$16,357	\$4,889	\$2,442	\$2,761	\$28,520

Caught in or Between

Injury Cause	2018	2019	2020	2021	2022	Total
Machine Or Machinery	\$512	\$3,609	\$576,936	\$64,511		\$645,568
Miscellaneous Caught In Or Between	\$512		\$9,436		\$319	\$10,267
Object Handled	\$1,125	\$228	\$11,579	\$5,171	\$31,248	\$49,351
Object Handled By Others	\$463		\$469			\$932
Total	\$2,612	\$3,837	\$598,419	\$69,682	\$31,567	\$706,118

Cut, Puncture, Scrape Injured By

Injury Cause	2018	2019	2020	2021	2022	Total
Broken Glass		\$680				\$680
Hand Tool Utensil Not Powered	\$2,902	\$2,297	\$1,775	\$5,609	\$4,983	\$17,565
Miscellaneous Cut Puncture Or Scrape	\$16,034	\$19,799	\$4,033	\$1,442	\$508	\$41,817
Objects Being Lifted Or Handled	\$20,625	\$5,389	\$33,930	\$73,450	\$21,674	\$155,068
Powered Hand Tool Appliance	\$5,778	\$5,162	\$1,115	\$1,055	\$1,620	\$14,729
Total	\$45,339	\$33,326	\$40,853	\$81,556	\$28,785	\$229,859

Fall or Slip Injury

Injury Cause	2018	2019	2020	2021	2022	Total
From Different Level	\$25,331	\$35,618	\$37,962	\$19,045	\$57,442	\$175,398
From Ladder Or Scaffolding	\$79,482	\$85,477	\$49,147	\$214,263	\$213,431	\$641,799
From Liquid Or Grease Spills	\$1,360		\$4,937			\$6,297
Into Openings	\$972		\$1,201	\$469	\$8,198	\$10,840
Miscellaneous Fall Or Slip	\$34,811	\$131,518	\$9,118	\$6,653	\$761	\$182,860
On Ice Or Snow	\$218,859	\$13,061	\$34,780	\$8,157	\$66,668	\$341,525
On Same Level	\$1,822	\$96,008	\$47,217	\$2,114	\$390	\$147,552
On Stairs		\$1,921		\$7,462	\$2,087	\$11,470
Slipped Did Not Fall		\$156				\$156
Total	\$362,637	\$363,759	\$184,362	\$258,163	\$348,977	\$1,517,898

Motor Vehicle

Injury Cause	2018	2019	2020	2021	Total
Collision With A Fixed Object			\$1,161		\$1,161
Collision With Another Vehicle	\$3,233	\$107,189	\$14,010	\$967	\$125,399
Miscellaneous Motor Vehicle	\$701			\$1,008	\$1,710
Motor Vehicle					
Vehicle Upset		\$2,673			\$2,673
Total	\$3,935	\$109,862	\$15,171	\$1,975	\$130,943

Rubbed or Abraded By

Injury Cause	2018	2019	2020	2021	2022	Total
Rubbed Or Abraded By (All Other)						
Total						

Strain or Injury By

Injury Cause	2018	2019	2020	2021	2022	Total
Holding Or Carrying	\$1,544	\$350				\$1,894
Jumping		\$4,717		\$8,327	\$5,388	\$18,432
Lifting	\$43,548	\$7,396	\$65,127	\$1,206		\$117,277
Miscellaneous Strain	\$74,986	\$62,227	\$19,078	\$11,445	\$42,816	\$210,553
Pushing Or Pulling	\$101,780	\$51,627	\$326	\$4,333	\$2,382	\$160,448
Reaching		\$0	\$1,447	\$6,882	\$9,888	\$18,217
Repetitive Motion (Carpal Tunnel Syndrome)	\$5,549					\$5,549
Repetitive Motion Kneeling Or Crawling	\$4,138		\$5,033	\$1,862		\$11,033
Twisting	\$16,535	\$509		\$32,062	\$1,316	\$50,422
Using Tool Or Machine	\$1,563	\$35,585	\$2,458	\$1,887	\$3,300	\$44,792
Wielding Or Throwing						
Total	\$249,644	\$162,411	\$93,468	\$68,004	\$65,090	\$638,617

Striking Against or Stepping On

Injury Cause	2018	2019	2020	2021	2022	Total
Miscellaneous Striking Against Or Stepping On	\$441	\$27,767	\$377	\$1,050	\$10,472	\$40,108
Moving Parts Of Machine	\$2,056		\$2,406		\$2,079	\$6,541
Stationary Object	\$2,234	\$2,125	\$912	\$1,706	\$13,004	\$19,981
Stepping On Sharp Object	\$275	\$514			\$630	\$1,419
Total	\$5,006	\$30,406	\$3,695	\$2,756	\$26,185	\$68,049

Struck or Injured By

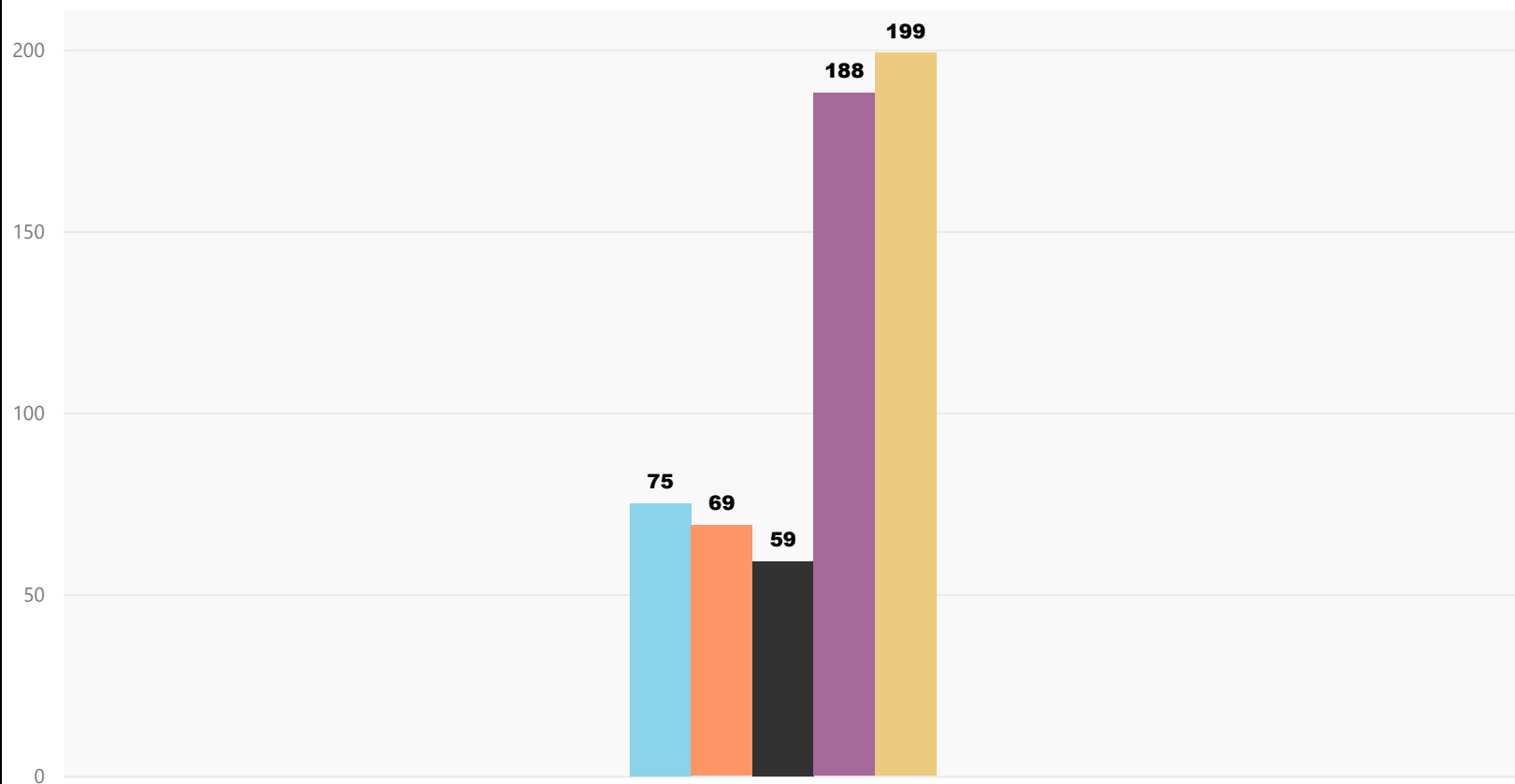
Injury Cause	2018	2019	2020	2021	2022	Total
Falling Or Flying Object	\$34,785	\$1,475	\$1,870	\$792	\$19,875	\$58,797
Fellow Worker Patient			\$29,299			\$29,299
Hand Tool Or Machine In Use	\$12,312	\$4,049	\$1,988	\$13,239	\$3,507	\$35,096
Miscellaneous Struck Or Injured By	\$2,123	\$855		\$668	\$7,469	\$11,115
Object Being Lifted Or Handled	\$9,396	\$11,355	\$2,255	\$3,492	\$94,167	\$120,665
Total	\$58,617	\$17,735	\$35,412	\$18,191	\$125,018	\$254,972

Miscellaneous Causes

Injury Cause	2018	2019	2020	2021	2022	Total
Absorption Ingestion Or Inhalation						
Animal Or Insect		\$443		\$1,794	\$160	\$2,397
Contact With Electric Current	\$3,177	\$1,257	\$1,917	\$1,416	\$243,198	\$250,965
Continual Noise	\$1,724					\$1,724
Cumulative (All Other)			\$5,280		\$34,540	\$39,820
Explosion Or Flare Back						
Foreign Body In Eye	\$4,354	\$6,194	\$40,231	\$5,052	\$5,482	\$61,313
Mental Stress						
No Cause					\$192	\$192
Other	\$32,836				\$470	\$33,306
Other Than Physical Injury	\$310					\$310
Total	\$42,401	\$7,893	\$47,428	\$8,261	\$284,042	\$390,027

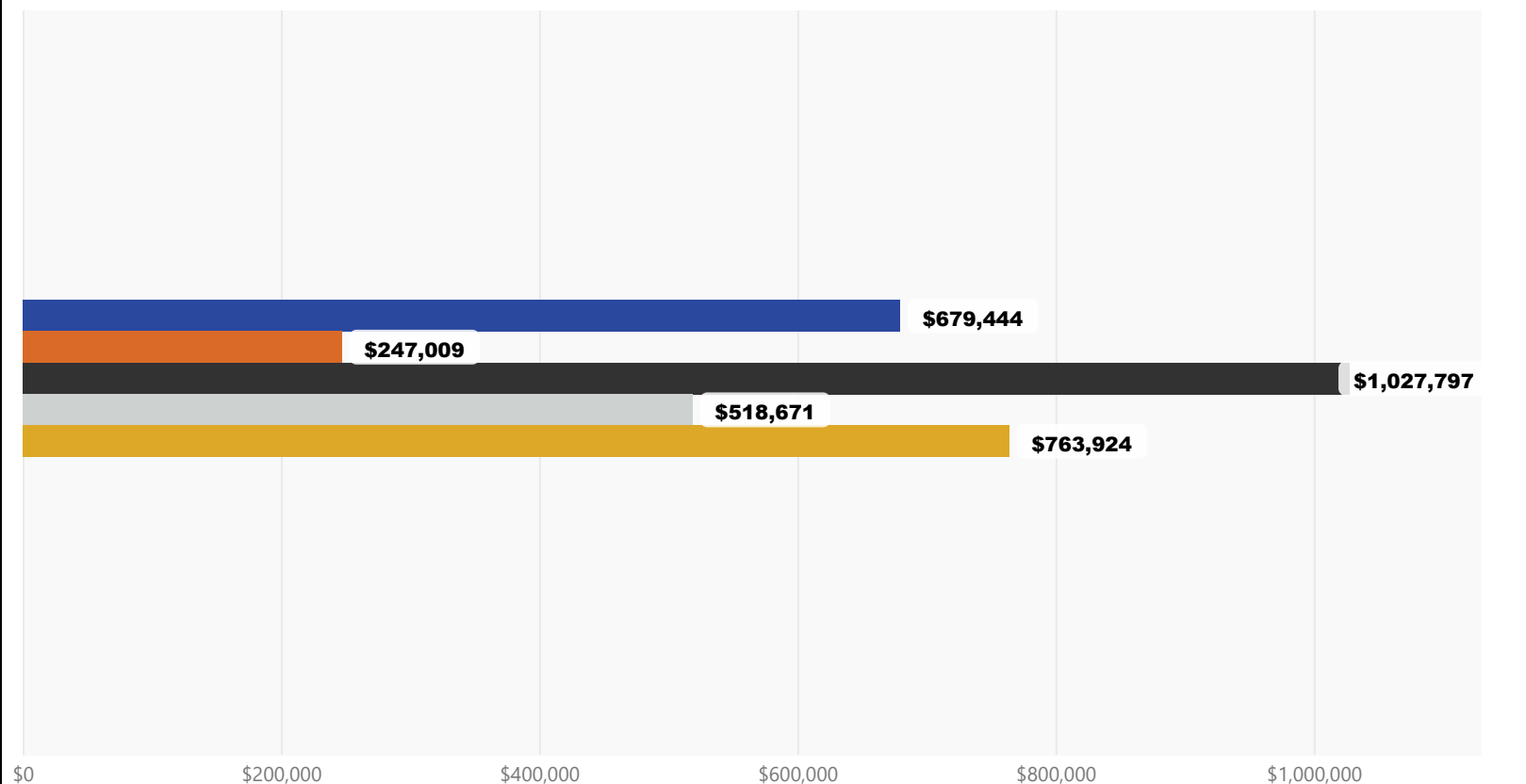
Distribution of Claims by Nature of Injury - Top 5

Accepted Claim Count Type Contusion Foreign Body Fracture Lacerations Sprain/Strain



Distribution of Claims by Nature of Injury - Top 5

Accepted Claim Count Type Amputation Electric Shock Fracture Rupture Sprain/Strain



Distribution of Claims by Nature of Injury

Nature Of Injury	2018	2019	2020	2021	2022	Total
All Other	2	3		2	1	8
All Other Cumulative Injuries	1					1
Amputation			2	1	1	4
Burn(S)	3	3	5	2	6	19
Carpal Tunnel Syndrome	1	1	1		1	4
Concussion		2	2		2	6
Contusion	9	21	9	20	16	75
Crushing	1	1			1	3
Dermatitis						
Dislocation	1	1				2
Electric Shock	3	1	1	1	3	9
Foreign Body	14	14	16	9	16	69
Fracture	13	11	8	9	18	59
Freezing						
Heat Prostration						
Hernia	1					1
Hypertension						
Infection		2	1			3
Inflammation	5	3	2			10
Lacerations	34	35	26	45	48	188
Multiple Physical Injuries Only				1		1
No Physical Injury	2	2	2		1	7
Poisoning - Chemical						
Poisoning - General (Not Od Or Cumulative Injury)		1				1
Puncture	3	3	1	4	2	13
Respiratory Disorders(Gases Fumes Chemicals)						
Rupture	3	3	3	1	1	11
Sprain/Strain	56	49	33	34	27	199
Tendonitis			1			1
Total	152	156	113	129	144	694

Distribution of Claims by Nature of Injury

Nature Of Injury	2018	2019	2020	2021	2022	Total
All Other	\$9,082	\$4,622		\$2,410	\$0	\$16,115
All Other Cumulative Injuries	\$2,653					\$2,653
Amputation			\$587,723	\$61,486	\$30,235	\$679,444
Burn(S)	\$3,251	\$16,357	\$6,249	\$3,857	\$2,761	\$32,476
Carpal Tunnel Syndrome	\$5,549	\$12,272	\$5,280		\$34,540	\$57,640
Concussion		\$104,263	\$30,438		\$2,600	\$137,302
Contusion	\$6,714	\$13,648	\$9,875	\$18,919	\$14,148	\$63,303
Crushing	\$330	\$2,674			\$2,518	\$5,521
Dermatitis						
Dislocation	\$23,849	\$1,169				\$25,018
Electric Shock	\$1,998	\$1,257	\$556	\$0	\$243,198	\$247,009
Foreign Body	\$6,473	\$4,663	\$38,926	\$4,228	\$8,283	\$62,574
Fracture	\$195,235	\$98,254	\$111,218	\$221,946	\$401,145	\$1,027,797
Freezing						
Heat Prostration						
Hernia	\$9,005					\$9,005
Hypertension						
Infection		\$18,162	\$7,832			\$25,994
Inflammation	\$50,438	\$6,682	\$353			\$57,472
Lacerations	\$49,619	\$19,199	\$36,977	\$23,936	\$78,530	\$208,261
Multiple Physical Injuries Only				\$967		\$967
No Physical Injury	\$810	\$2,157	\$706		\$192	\$3,866
Poisoning - Chemical						
Poisoning - General (Not Od Or Cumulative Injury)		\$144				\$144
Puncture	\$1,378	\$1,736	\$214	\$15,562	\$790	\$19,680
Respiratory Disorders(Gases Fumes Chemicals)						
Rupture	\$99,365	\$221,583	\$118,377	\$54,787	\$24,560	\$518,671
Sprain/Strain	\$306,512	\$216,745	\$68,810	\$102,933	\$68,925	\$763,924
Tendonitis			\$163			\$163
Total	\$772,262	\$745,586	\$1,023,697	\$511,031	\$912,425	\$3,965,002