

Rate Group 737 – Millwrighting & Welding

Member Firm Injury Performance

Based on the March 2020 Snapshot

Overall Injury Performance in Rate Group 737			
	2019	2018	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)	6.55	5.88	11.4%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)	928	909	2.1%
Traumatic Fatalities Count	Allowed	0	0
	Pending	0	0
LTI Rate	1.44	1.13	27.9%
LTI Count	204	174	17.2%
NLTI Count	724	735	-1.5%
FTE	14,167	15,457	-8.3%

Lost Time Injury Profile. Rate Group 737						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	57	0.40	55	0.36	3.6%	13.1%
Falls	30	0.21	24	0.16	25.0%	36.4%
Machinery	18	0.13	9	0.06	100.0%	118.2%
MVIs	3	0.02	4	0.03	-25.0%	-18.2%
Critical Injuries	17	0.12	12	0.08	41.7%	54.6%
New Worker	17	0.12	31	0.20	-45.2%	-40.2%
Young Worker	37	0.26	28	0.18	32.1%	44.2%

High Impact Claims. Rate Group 737						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	24	0.17	25	0.16	-4.0%	4.7%
Shoulder	10	0.07	7	0.05	42.9%	55.9%
Fractures	16	0.11	35	0.23	-54.3%	-50.1%
Total HI Claims	48	0.34	66	0.43	-27.3%	-20.6%

Definitions:

MSD (Musculoskeletal Disorders) – Based on the approved grouping of codes presented to OHSCO in March 2005, which includes the following: (Nature of Injury Category Code xx and Nature of Injury Code xxxxx) equals 021, 029, 082, 09720, 09730, 12410, 153, 170, 173, 174, 179, 41200, 41280, 41290, 41480, 41490 and Event (Type of Accident Category) equals (20, 21, 22, 23, 25, 26, 27, 29).

Falls – Event (Type of Accident Category) equals “Falls” (1).

Machinery – Event (Type of Accident Category) equals “Contact with Objects or Equipment” (0) and Source (Accident Source Category) equals “Machinery” (3).

MVI (Motor Vehicle Incident) – Event (Type of Accident Category) equals “Highway Accidents” (41).

Critical Injury – The count of Allowed Critical Injuries with an incident date in the calendar year indicated. Critical Injuries are based on the Critical Injury Indicator in EIW and includes the following: Places Life in Jeopardy (Traumatic injuries to spinal cord, Multiple traumatic injuries, Gunshot wounds, Drowning, Electrocutation, Internal injuries to organs, Other poisonings and toxic effects, Animal or insect bites), Fracture of a Leg or Arm but not a Finger or Toe (excludes wrist and ankle), Amputation of a Leg, Arm, Hand or Foot but not a Finger or Toe, Produces Unconsciousness (Concussions, Cerebral Haemorrhages, Intracranial injuries), The Loss of Sight in an Eye (Blindness, Enucleations), Burns to a Major Portion of the Body (First-degree burns and multiple burns).

New Worker – The Count of Allowed LTIs by New Worker for LTIs with an incident date in the calendar year indicated. A New Worker is defined as having worked 28 days or less with same employer (Incident Date – Hire Date).

Young Worker – The Count of Allowed LTIs by Worker of age less than 25 years old at an incident date.

Contact – Event (Type of Accident Category) equals “Contact with Objects or Equipment” (0).

High Impact Claims - Lower Back – Part of Body Code equals 23100, 23300, 23390, 23400, 23901.

High Impact Claims - Shoulder – Part of Body Code equals 21000.

High Impact Claims - Fracture – Nature of Injury Code equals 01200 and not Part of Body Code equals 21000, 23100, 23300, 23390, 23400, 23901.

Please note that Priority Hazards (MSD, Falls, Machinery, MVI) are mutually exclusive where as Critical Injuries, New Worker LTIs, Young Worker LTIs, High Impact LTIs and Contact LTIs are NOT mutually exclusive.

Rate Group 737 – Millwrighting & Welding

Member Injury Performance Analysis for 2015-2019

Based on March 2020 Snapshot

Overall Injury Performance Rate Group 737								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2015	190	1.19	1	768	4.83	959	6.03	15,905
2016	201	1.48	1	725	5.33	927	6.82	13,595
2017	215	1.45	1	694	4.69	910	6.15	14,786
2018	174	1.13	0	735	4.76	909	5.88	15,457
2019	204	1.44	0	724	5.11	928	6.55	14,167

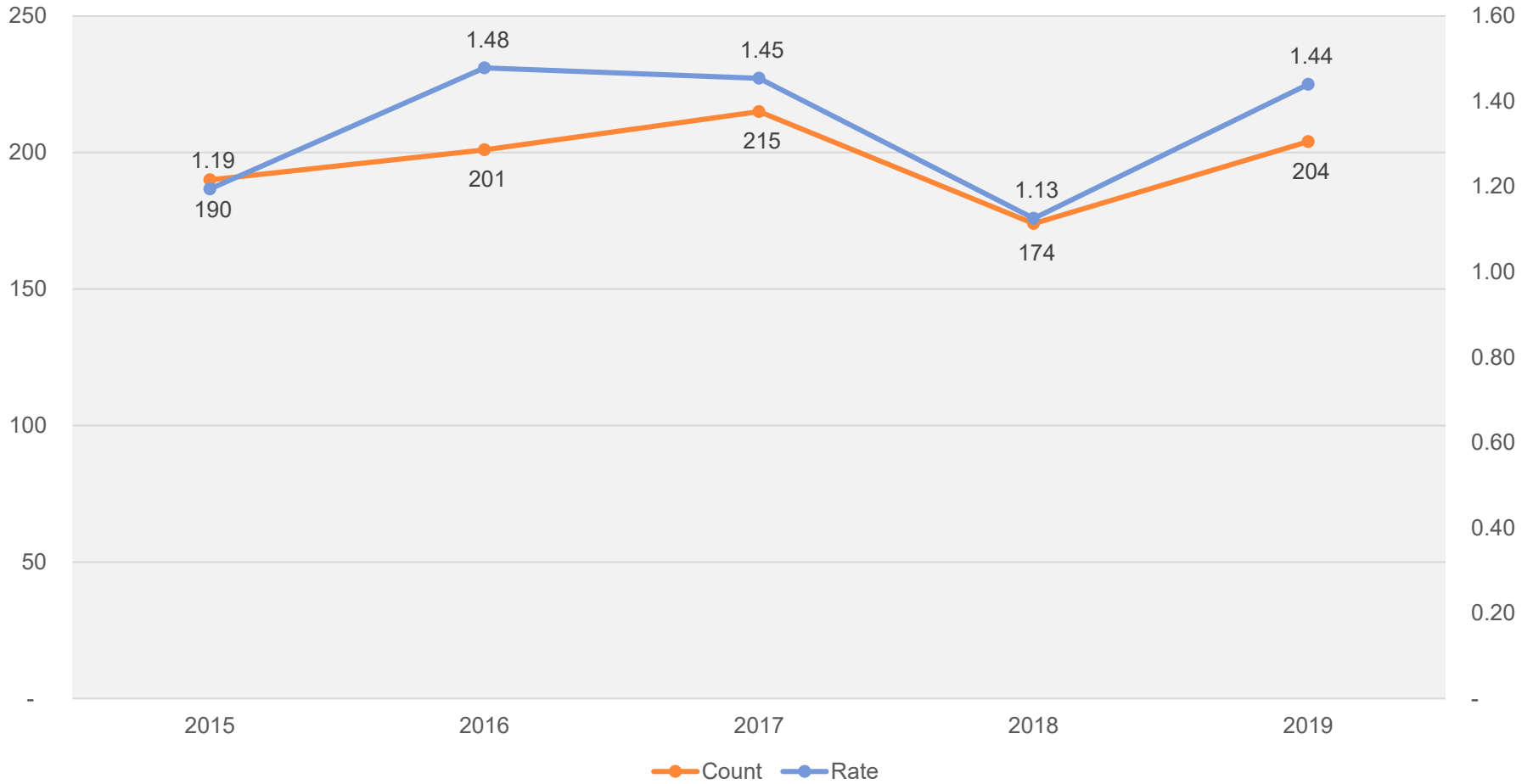
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

Lost-time Injury Profile Rate Group 737														
Year	MSDs		Falls		Machinery		MVIs		Critical Injuries		New Worker		Young Worker	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2015	50	0.31	26	0.16	12	0.08	1	0.01	16	0.10	29	0.18	36	0.23
2016	48	0.35	27	0.20	7	0.05	-	-	11	0.08	24	0.18	29	0.21
2017	61	0.41	29	0.20	12	0.08	-	-	21	0.14	27	0.18	27	0.18
2018	55	0.36	24	0.16	9	0.06	4	0.03	12	0.08	31	0.20	28	0.18
2019	57	0.40	30	0.21	18	0.13	3	0.02	17	0.12	17	0.12	37	0.26

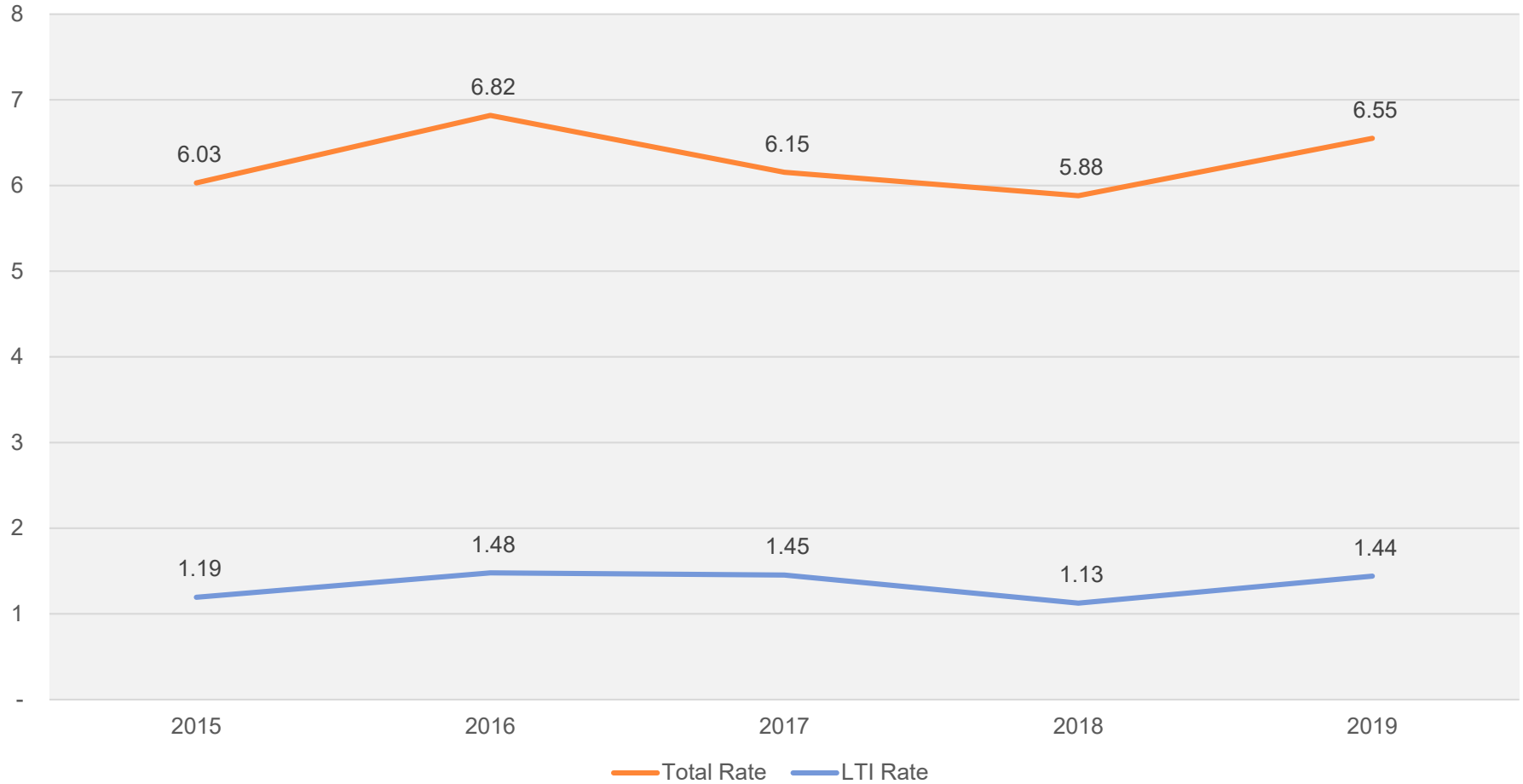
High Impact Lost-time Injury Profile
Rate Group 737

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2015	23	0.14	14	0.09	38	0.24	64	0.40
2016	22	0.16	12	0.09	34	0.25	71	0.52
2017	21	0.14	10	0.07	27	0.18	60	0.41
2018	25	0.16	7	0.05	35	0.23	66	0.43
2019	24	0.17	10	0.07	16	0.11	48	0.34

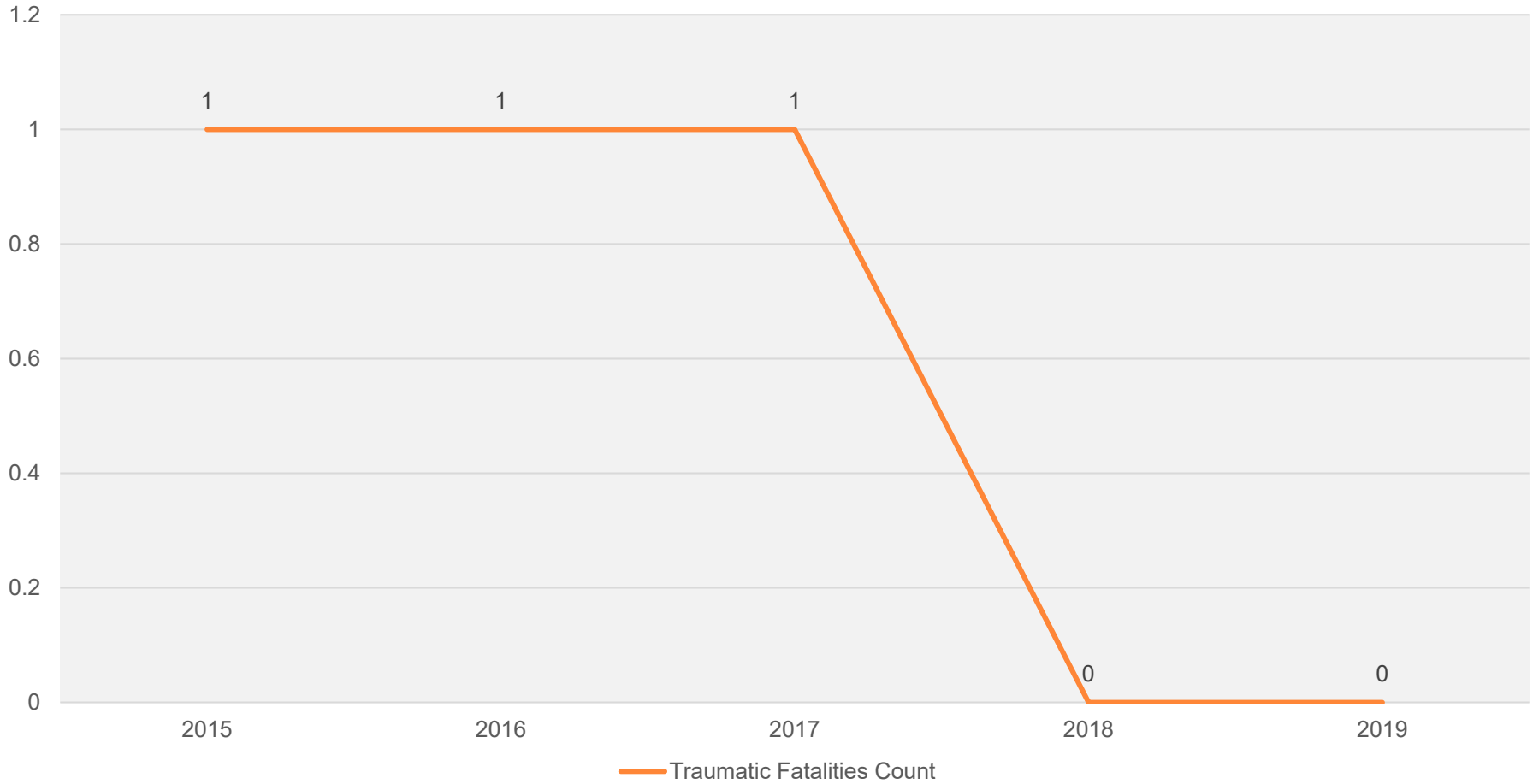
Rate Group 737 - MILLWRIGHTING AND WELDING LTI Count and Rate for 2015-2019 based on March 2020 snapshot



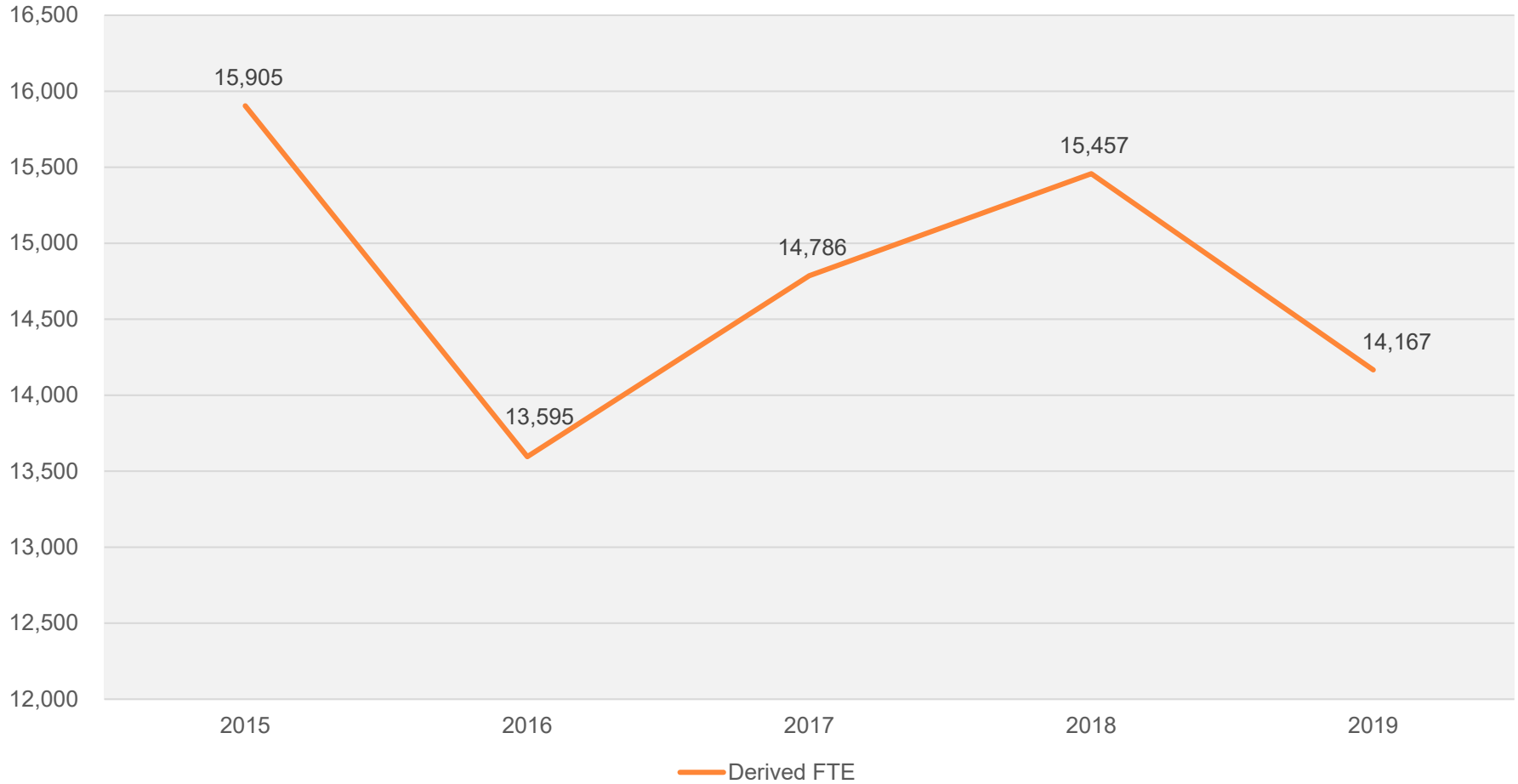
Rate Group 737 - MILLWRIGHTING AND WELDING LTI Rate and Total Rate for 2015-2019 based on March 2020 snapshot



Rate Group 737 - MILLWRIGHTING AND WELDING Traumatic Fatalities for 2015-2019 based on March 2020 snapshot



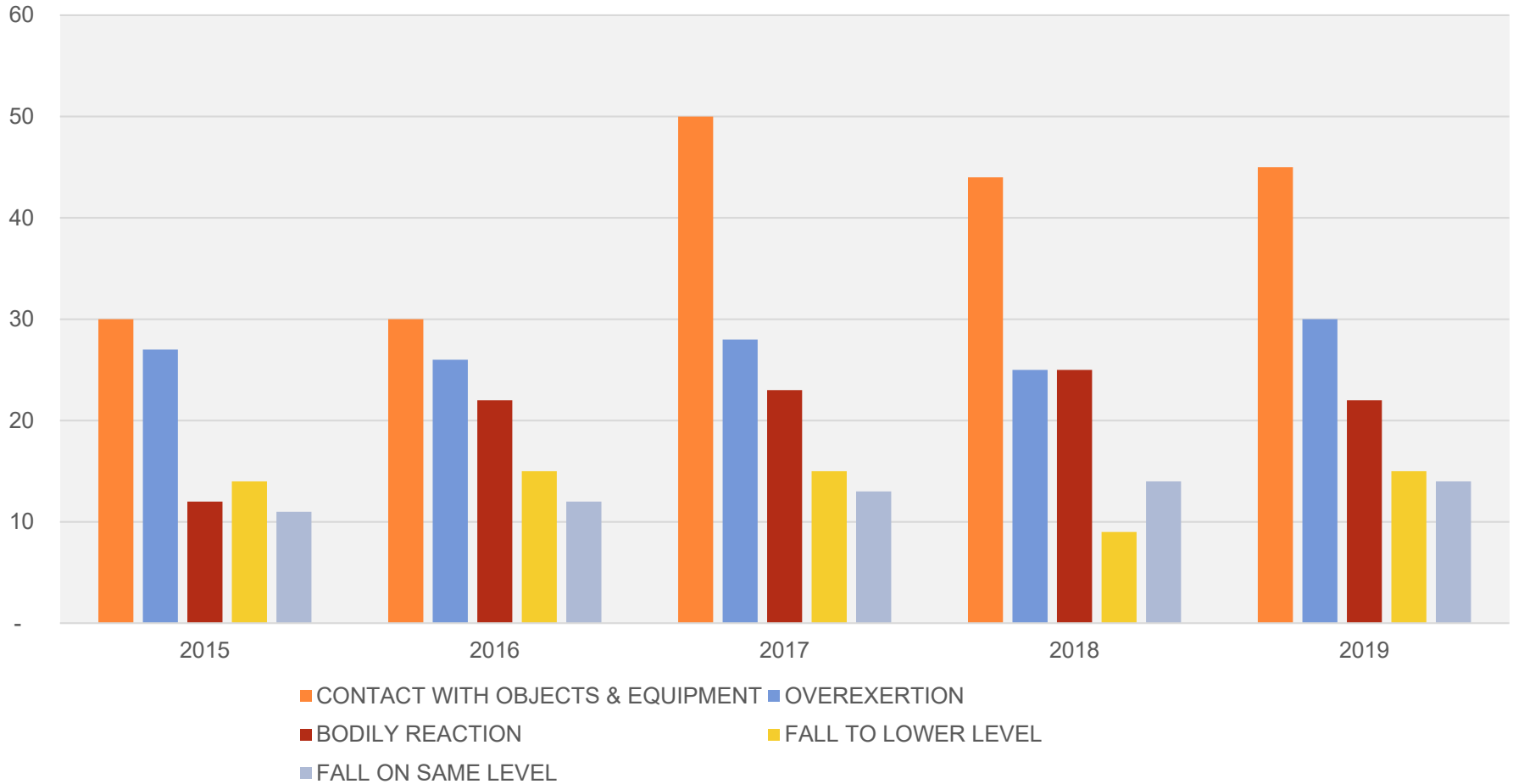
Rate Group 737 - MILLWRIGHTING AND WELDING Derived FTE for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Incident Types
Rate Group 737**

Year	CONTACT WITH OBJECTS & EQUIPMENT		OVEREXERTION		BODILY REACTION		FALL TO LOWER LEVEL		FALL ON SAME LEVEL		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	30	15.8%	27	14.2%	12	6.3%	14	7.4%	11	5.8%	94	49.5%
2016	30	14.7%	26	12.7%	22	10.8%	15	7.4%	12	5.9%	105	51.5%
2017	50	23.3%	28	13.0%	23	10.7%	15	7.0%	13	6.0%	129	60.0%
2018	44	25.1%	25	14.3%	25	14.3%	9	5.1%	14	8.0%	117	66.9%
2019	45	21.8%	30	14.6%	22	10.7%	15	7.3%	14	6.8%	126	61.2%

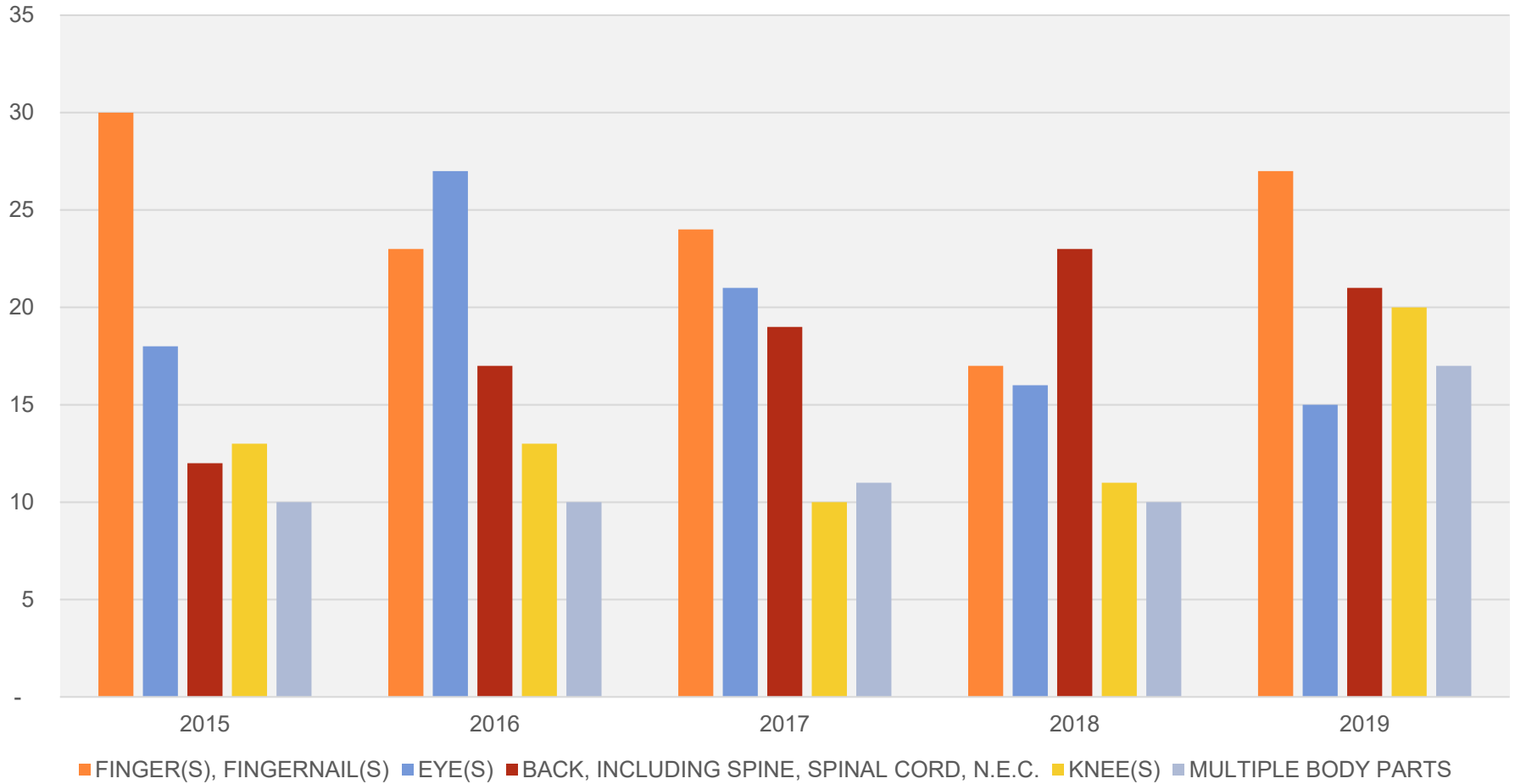
Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Incident Types for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Parts of Body Injured
Rate Group 737**

Year	FINGER(S), FINGERNAIL(S)		EYE(S)		BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		KNEE(S)		MULTIPLE BODY PARTS		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	30	15.8%	18	9.5%	12	6.3%	13	6.8%	10	5.3%	83	43.7%
2016	23	11.3%	27	13.2%	17	8.3%	13	6.4%	10	4.9%	90	44.1%
2017	24	11.2%	21	9.8%	19	8.8%	10	4.7%	11	5.1%	85	39.5%
2018	17	9.7%	16	9.1%	23	13.1%	11	6.3%	10	5.7%	77	44.0%
2019	27	13.1%	15	7.3%	21	10.2%	20	9.7%	17	8.3%	100	48.5%

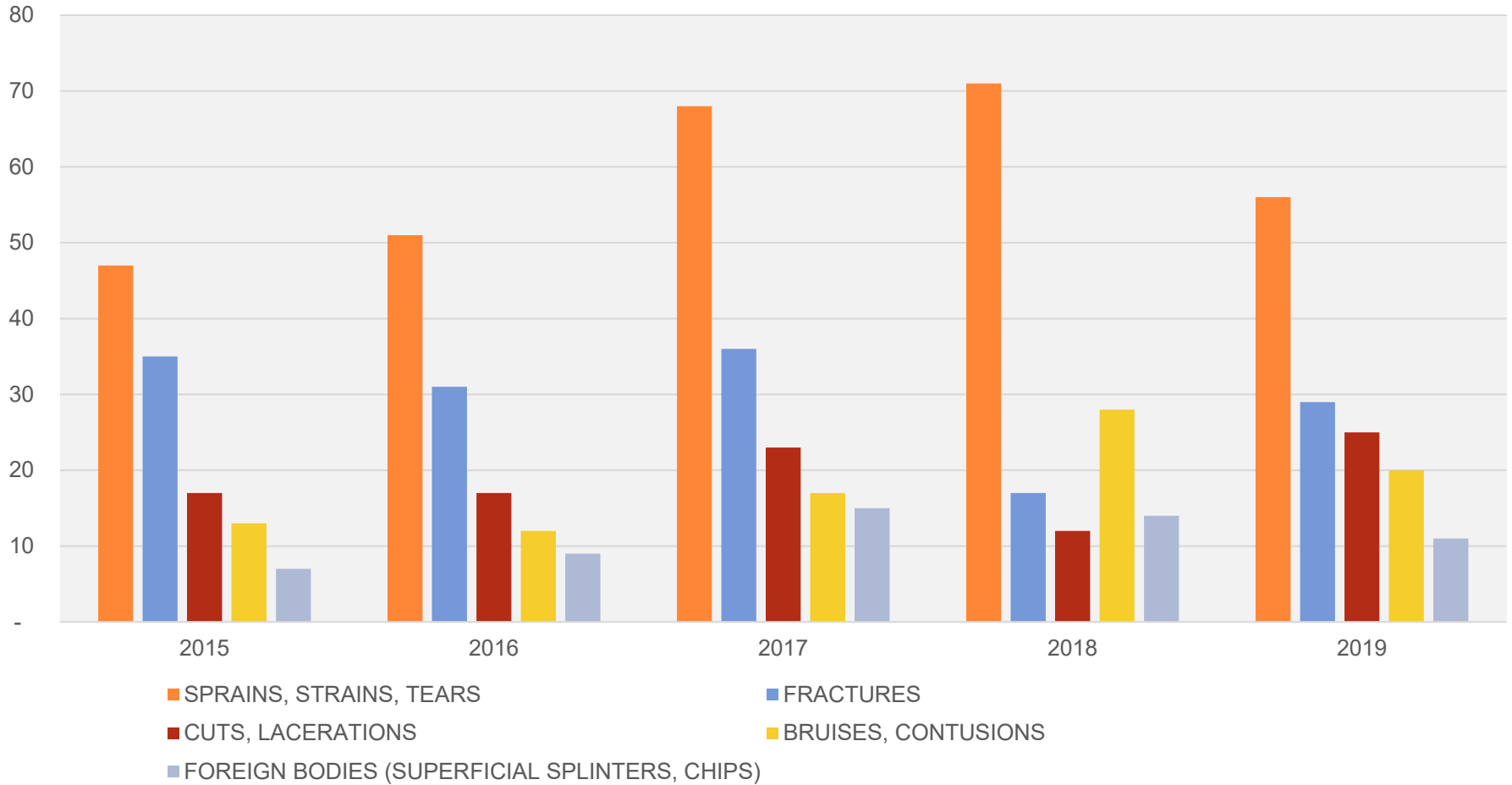
Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Parts of Body Injured for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Nature of Injury Categories
Rate Group 737**

Year	SPRAINS, STRAINS, TEARS		FRACTURES		CUTS, LACERATIONS		BRUISES, CONTUSIONS		FOREIGN BODIES (SUPERFICIAL SPLINTERS, CHIPS)		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	47	24.7%	35	18.4%	17	8.9%	13	6.8%	7	3.7%	119	62.6%
2016	51	25.0%	31	15.2%	17	8.3%	12	5.9%	9	4.4%	120	58.8%
2017	68	31.6%	36	16.7%	23	10.7%	17	7.9%	15	7.0%	159	74.0%
2018	71	40.6%	17	9.7%	12	6.9%	28	16.0%	14	8.0%	142	81.1%
2019	56	27.2%	29	14.1%	25	12.1%	20	9.7%	11	5.3%	141	68.4%

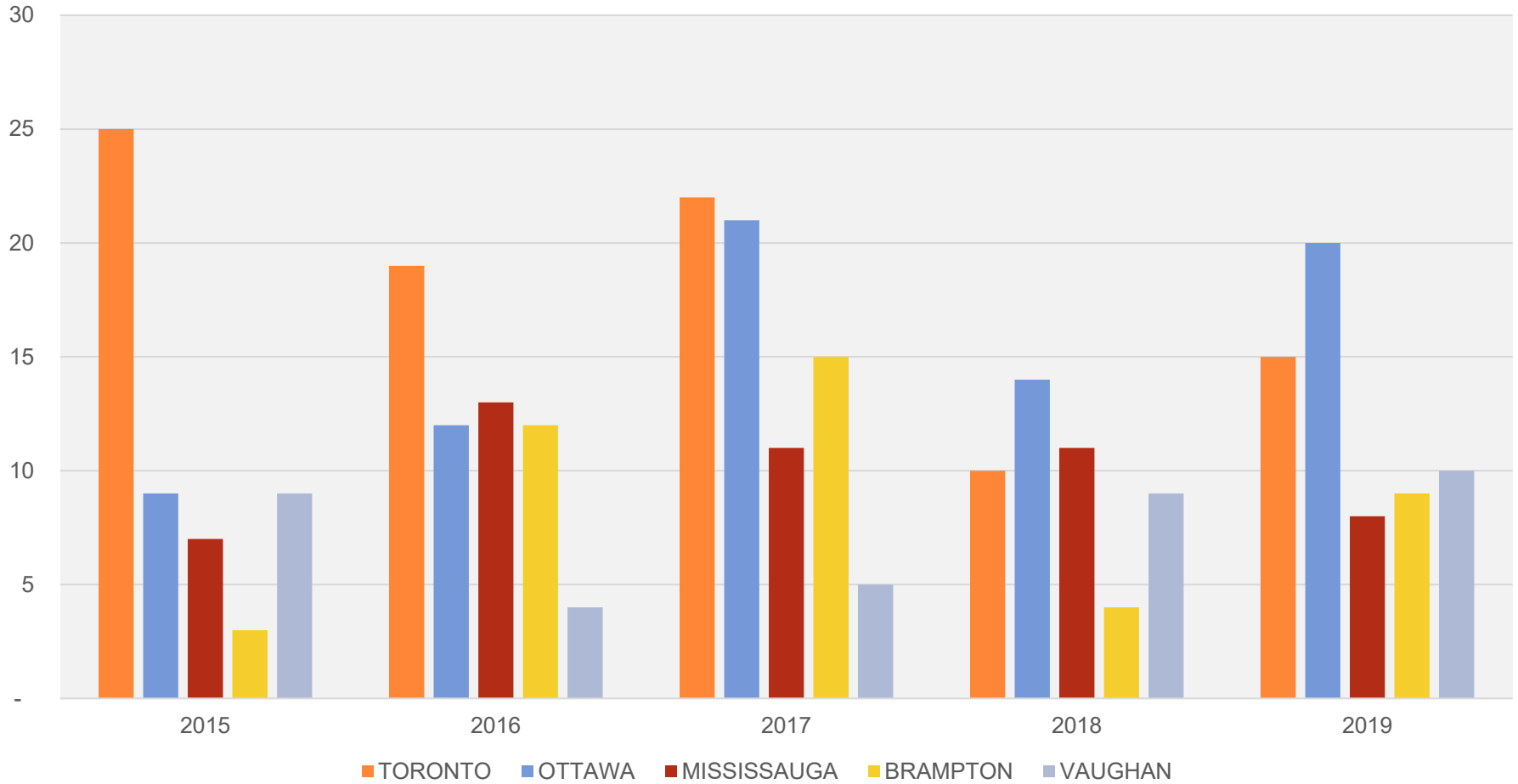
Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Nature of Injury Categories for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Incident Places
Rate Group 737**

Year	TORONTO		OTTAWA		MISSISSAUGA		BRAMPTON		VAUGHAN		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	25	13.2%	9	4.7%	7	3.7%	3	1.6%	9	4.7%	53	27.9%
2016	19	9.3%	12	5.9%	13	6.4%	12	5.9%	4	2.0%	60	29.4%
2017	22	10.2%	21	9.8%	11	5.1%	15	7.0%	5	2.3%	74	34.4%
2018	10	5.7%	14	8.0%	11	6.3%	4	2.3%	9	5.1%	48	27.4%
2019	15	7.3%	20	9.7%	8	3.9%	9	4.4%	10	4.9%	62	30.1%

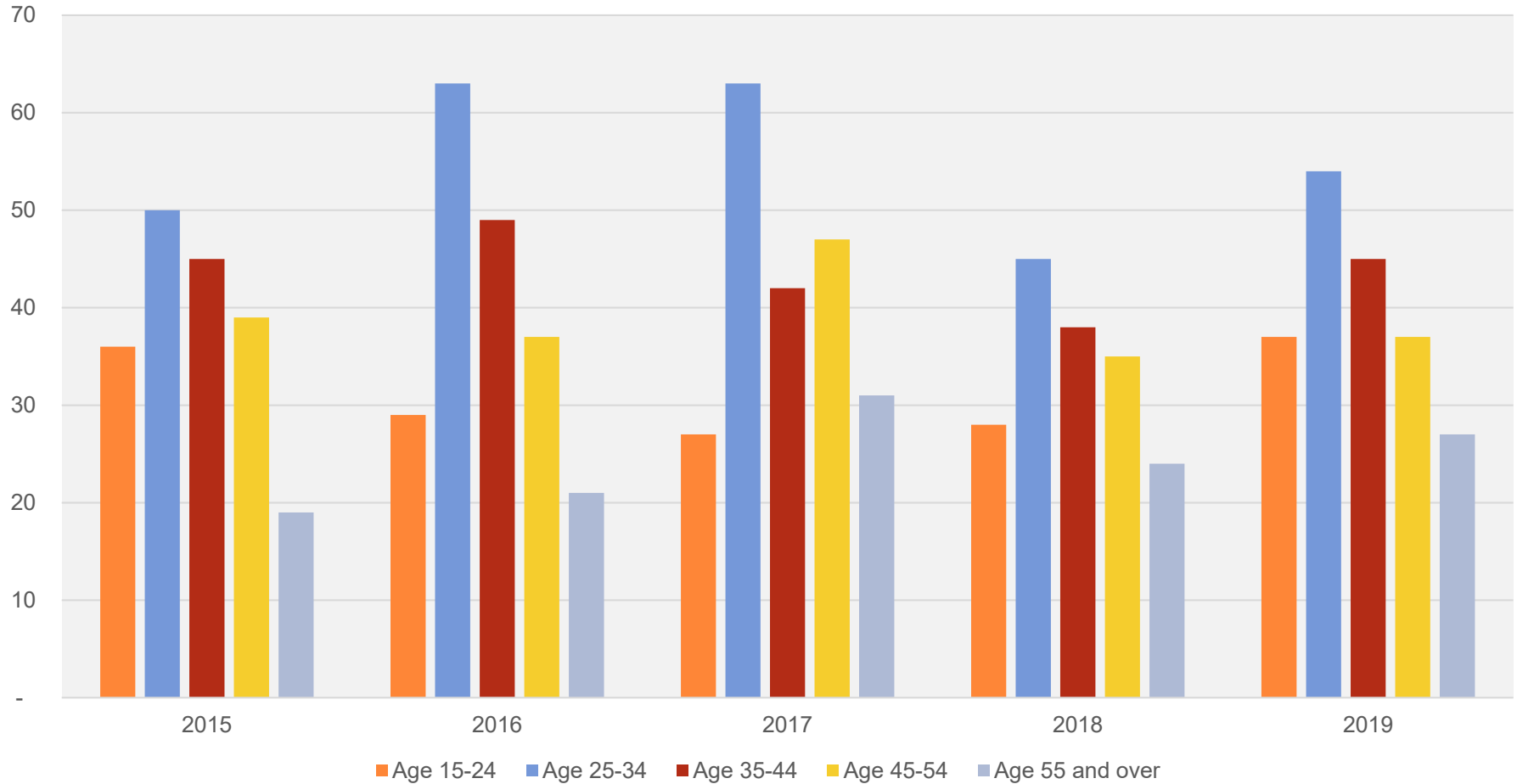
Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Incident Places for 2015-2019 based on March 2020 snapshot



Age Band Breakdown
Rate Group 737

Year	Child		Age 15-24		Age 25-34		Age 35-44		Age 45-54		Age 55 and over		Age Unknown	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	-	0.0%	36	18.9%	50	26.3%	45	23.7%	39	20.5%	19	10.0%	-	0.0%
2016	-	0.0%	29	14.2%	63	30.9%	49	24.0%	37	18.1%	21	10.3%	-	0.0%
2017	-	0.0%	27	12.6%	63	29.3%	42	19.5%	47	21.9%	31	14.4%	-	0.0%
2018	-	0.0%	28	16.0%	45	25.7%	38	21.7%	35	20.0%	24	13.7%	-	0.0%
2019	-	0.0%	37	18.0%	54	26.2%	45	21.8%	37	18.0%	27	13.1%	-	0.0%

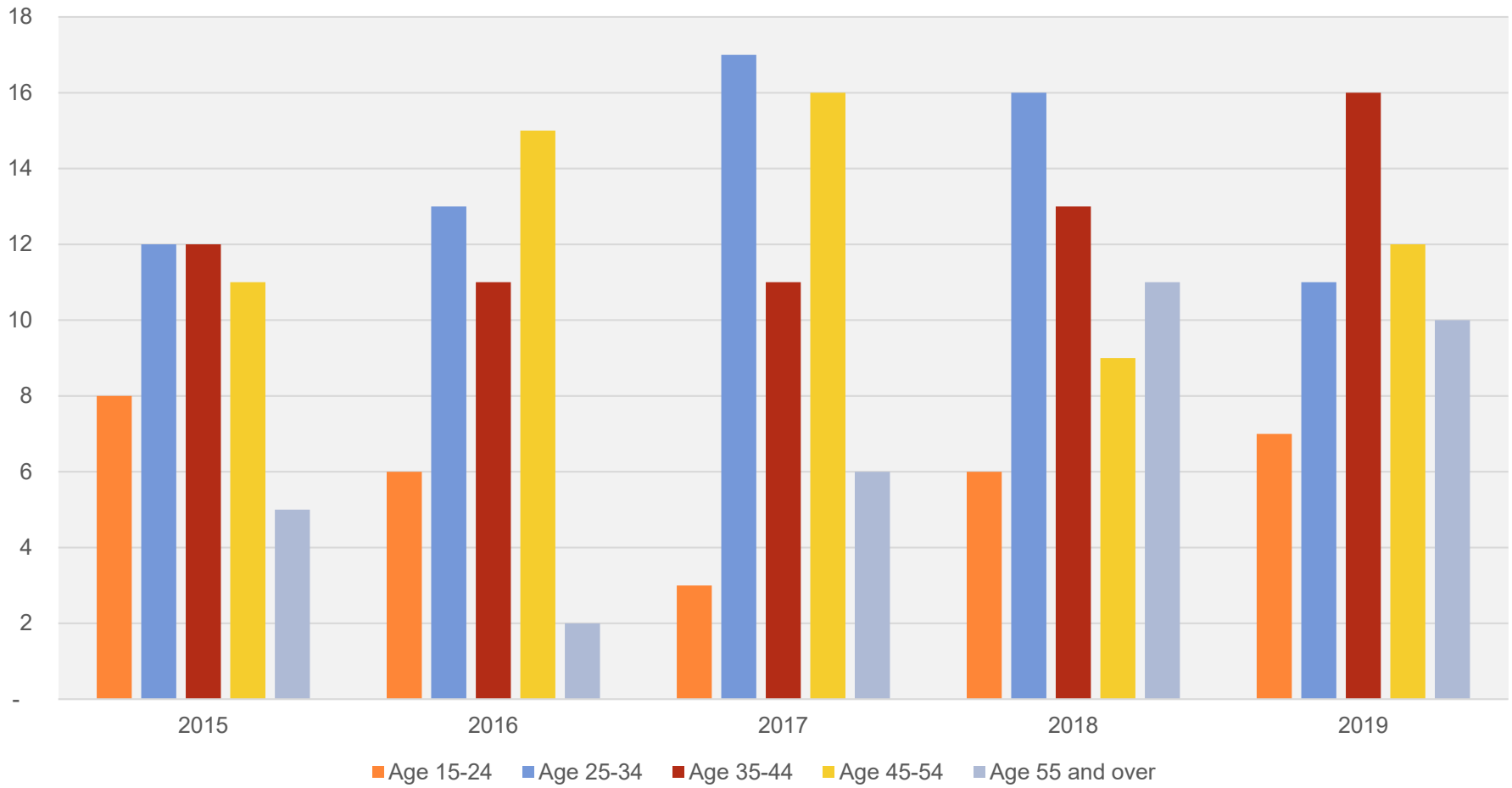
Rate Group 737 - MILLWRIGHTING AND WELDING LTIs by Age Band for 2015-2019 based on March 2020 snapshot



MSD Breakdown by Age Band
Rate Group 737

Year	Child		Age 15-24		Age 25-34		Age 35-44		Age 45-54		Age 55 and over		Age Unknown	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	-	0.0%	8	16.7%	12	25.0%	12	25.0%	11	22.9%	5	10.4%	-	0.0%
2016	-	0.0%	6	12.5%	13	27.1%	11	22.9%	15	31.3%	2	4.2%	-	0.0%
2017	-	0.0%	3	5.4%	17	30.4%	11	19.6%	16	28.6%	6	10.7%	-	0.0%
2018	-	0.0%	6	10.9%	16	29.1%	13	23.6%	9	16.4%	11	20.0%	-	0.0%
2019	-	0.0%	7	11.9%	11	18.6%	16	27.1%	12	20.3%	10	16.9%	-	0.0%

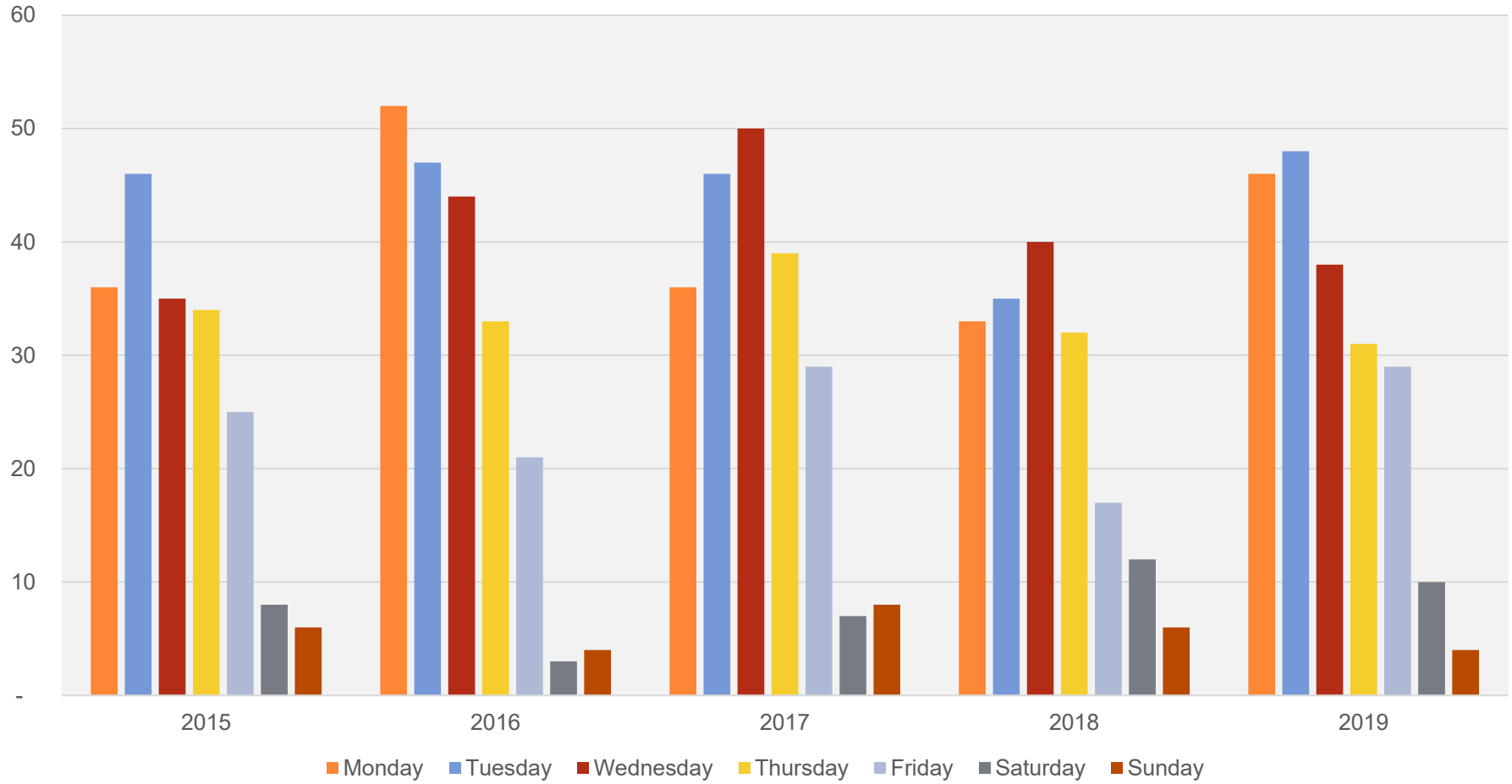
Rate Group 737 - MILLWRIGHTING AND WELDING MSD by Age Band for for 2015-2019 based on March 2020 snapshot



LTI Breakdown by Day of Week
Rate Group 737

Year	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	36	18.9%	46	24.2%	35	18.4%	34	17.9%	25	13.2%	8	4.2%	6	3.2%
2016	52	25.5%	47	23.0%	44	21.6%	33	16.2%	21	10.3%	3	1.5%	4	2.0%
2017	36	16.7%	46	21.4%	50	23.3%	39	18.1%	29	13.5%	7	3.3%	8	3.7%
2018	33	18.9%	35	20.0%	40	22.9%	32	18.3%	17	9.7%	12	6.9%	6	3.4%
2019	46	22.3%	48	23.3%	38	18.4%	31	15.0%	29	14.1%	10	4.9%	4	1.9%

Rate Group 737 - MILLWRIGHTING AND WELDING LTIs by Day of Week for 2015-2019 based on March 2020 snapshot



LTI Breakdown By Month
Rate Group 737

Month	2015		2016		2017		2018		2019	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	21	11.1%	18	8.8%	13	6.0%	18	10.3%	17	8.3%
February	9	4.7%	9	4.4%	17	7.9%	11	6.3%	21	10.2%
March	14	7.4%	16	7.8%	18	8.4%	15	8.6%	10	4.9%
April	9	4.7%	15	7.4%	21	9.8%	17	9.7%	8	3.9%
May	15	7.9%	18	8.8%	14	6.5%	12	6.9%	17	8.3%
June	23	12.1%	17	8.3%	14	6.5%	16	9.1%	16	7.8%
July	22	11.6%	19	9.3%	19	8.8%	24	13.7%	25	12.1%
August	14	7.4%	22	10.8%	18	8.4%	16	9.1%	21	10.2%
September	20	10.5%	26	12.7%	17	7.9%	11	6.3%	18	8.7%
October	14	7.4%	19	9.3%	16	7.4%	16	9.1%	16	7.8%
November	15	7.9%	12	5.9%	29	13.5%	10	5.7%	21	10.2%
December	14	7.4%	13	6.4%	19	8.8%	9	5.1%	16	7.8%

Rate Group 737 - MILLWRIGHTING AND WELDING LTIs by Month for 2015-2019 based on March 2020 snapshot

