

Rate Group 737 – Millwrighting & Welding

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 737				
		2018	2017	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)		5.66	6.17	-8.3%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)		888	907	-2.1%
Traumatic Fatalities Count	Allowed	0	2	-
	Pending	0	0	-
LTI Rate		1.08	1.46	-26.4%
LTI Count		169	215	-21.4%
NLTI Count		719	690	4.2%
FTE		15,701	14,701	6.8%

Lost Time Injury Profile. Rate Group 737

	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	51	0.32	61	0.41	-16.4%	-21.7%
Falls	23	0.15	29	0.20	-20.7%	-25.7%
Machinery	9	0.06	12	0.08	-25.0%	-29.8%
MVIs	4	0.03	-	-	-	-
Critical Injuries	12	0.08	21	0.14	-42.9%	-46.5%
New Worker	17	0.11	31	0.21	-45.2%	-48.7%
Young Worker	28	0.18	27	0.18	3.7%	-2.9%

High Impact Claims. Rate Group 737

	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	24	0.15	21	0.14	14.3%	7.0%
Shoulder	8	0.05	10	0.07	-20.0%	-25.1%
Fractures	16	0.10	35	0.24	-54.3%	-57.2%
Total HI Claims	48	0.31	66	0.45	-27.3%	-31.9%

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 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 737								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2014	187	1.23	3	746	4.91	936	6.16	15,206
2015	190	1.19	1	766	4.82	957	6.02	15,905
2016	199	1.46	1	720	5.29	920	6.76	13,616
2017	215	1.46	2	690	4.69	907	6.17	14,701
2018	169	1.08	0	719	4.58	888	5.66	15,701

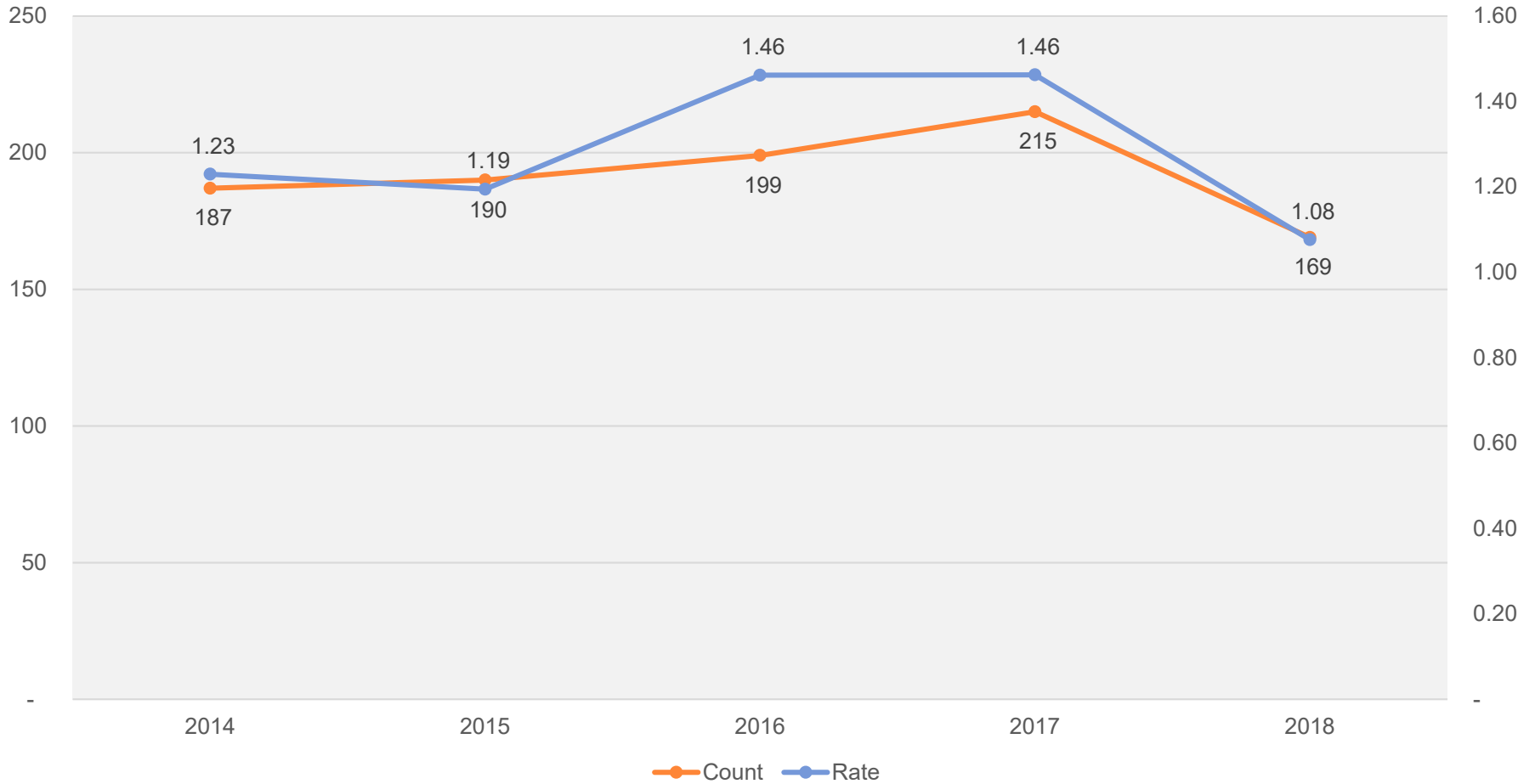
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

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
2014	62	0.41	31	0.20	14	0.09	1	0.01	15	0.10	29	0.19	32	0.21
2015	50	0.31	26	0.16	12	0.08	1	0.01	16	0.10	24	0.15	36	0.23
2016	47	0.35	27	0.20	7	0.05	-	-	11	0.08	27	0.20	29	0.21
2017	61	0.41	29	0.20	12	0.08	-	-	21	0.14	31	0.21	27	0.18
2018	51	0.32	23	0.15	9	0.06	4	0.03	12	0.08	17	0.11	28	0.18

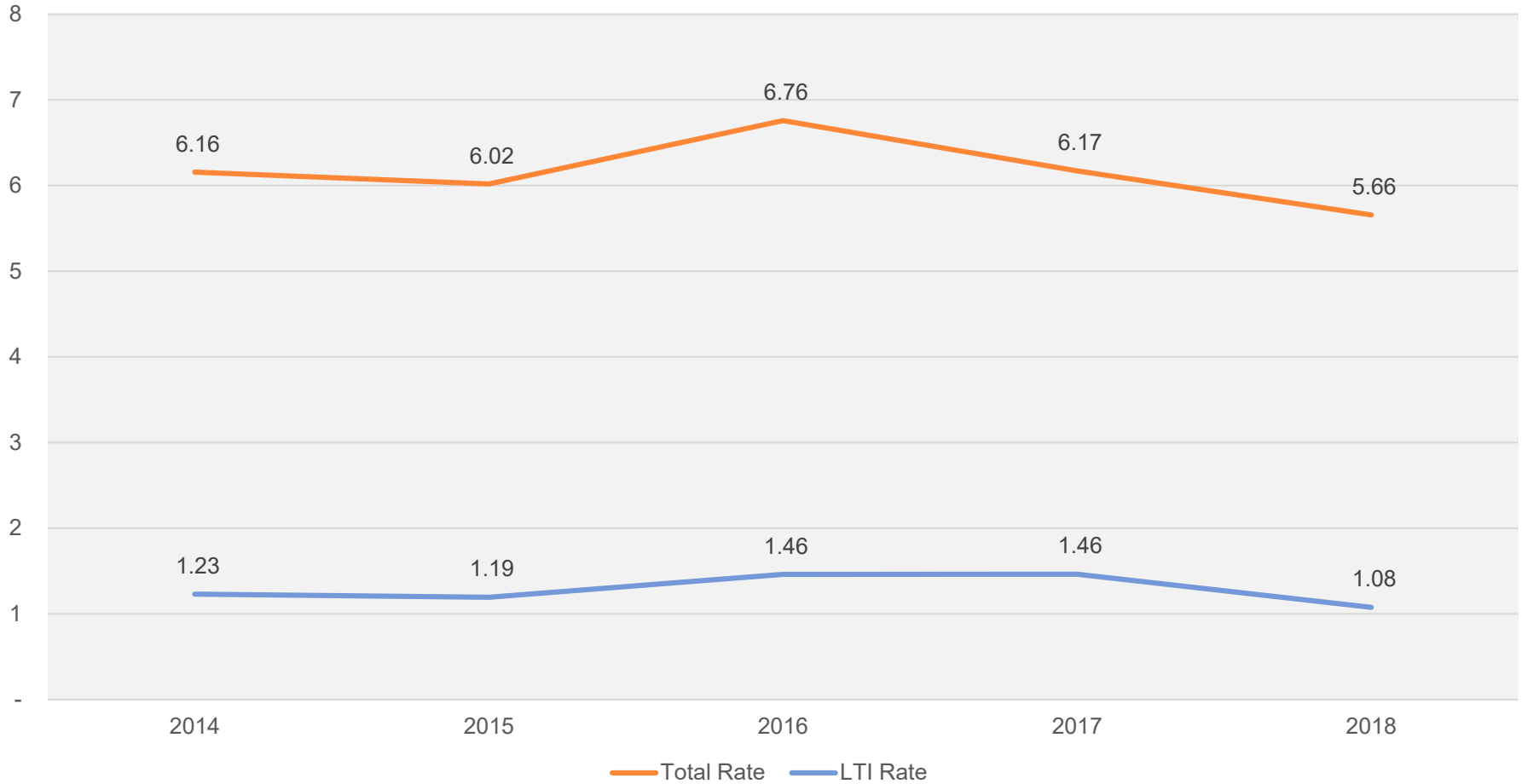
High Impact Lost-time Injury Profile
Rate Group 737

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	15	0.10	11	0.07	38	0.25	64	0.42
2015	23	0.14	14	0.09	34	0.21	71	0.45
2016	21	0.15	12	0.09	27	0.20	60	0.44
2017	21	0.14	10	0.07	35	0.24	66	0.45
2018	24	0.15	8	0.05	16	0.10	48	0.31

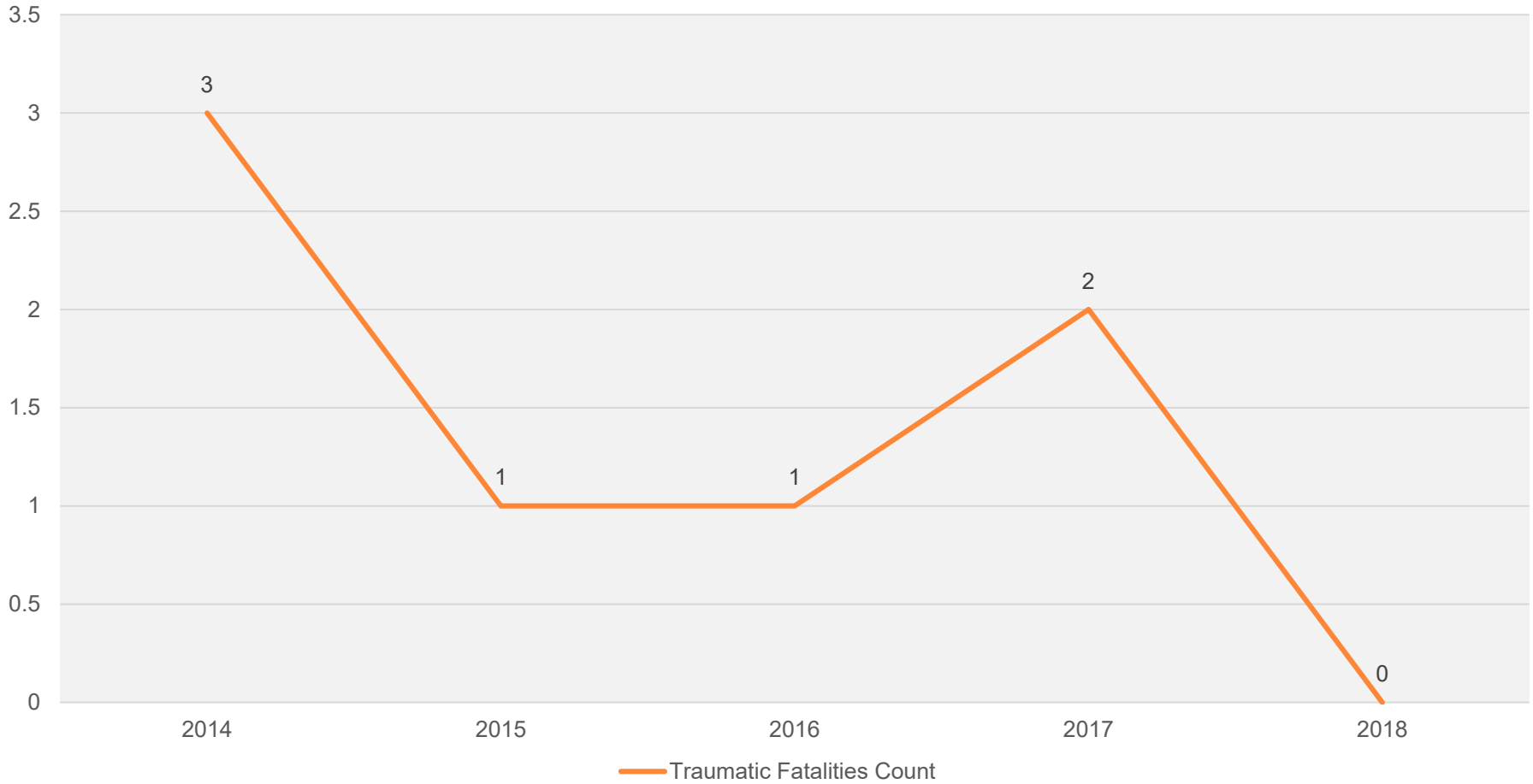
Rate Group 737 - MILLWRIGHTING AND WELDING LTI Count and Rate for 2014-2018 based on March 2019 snapshot



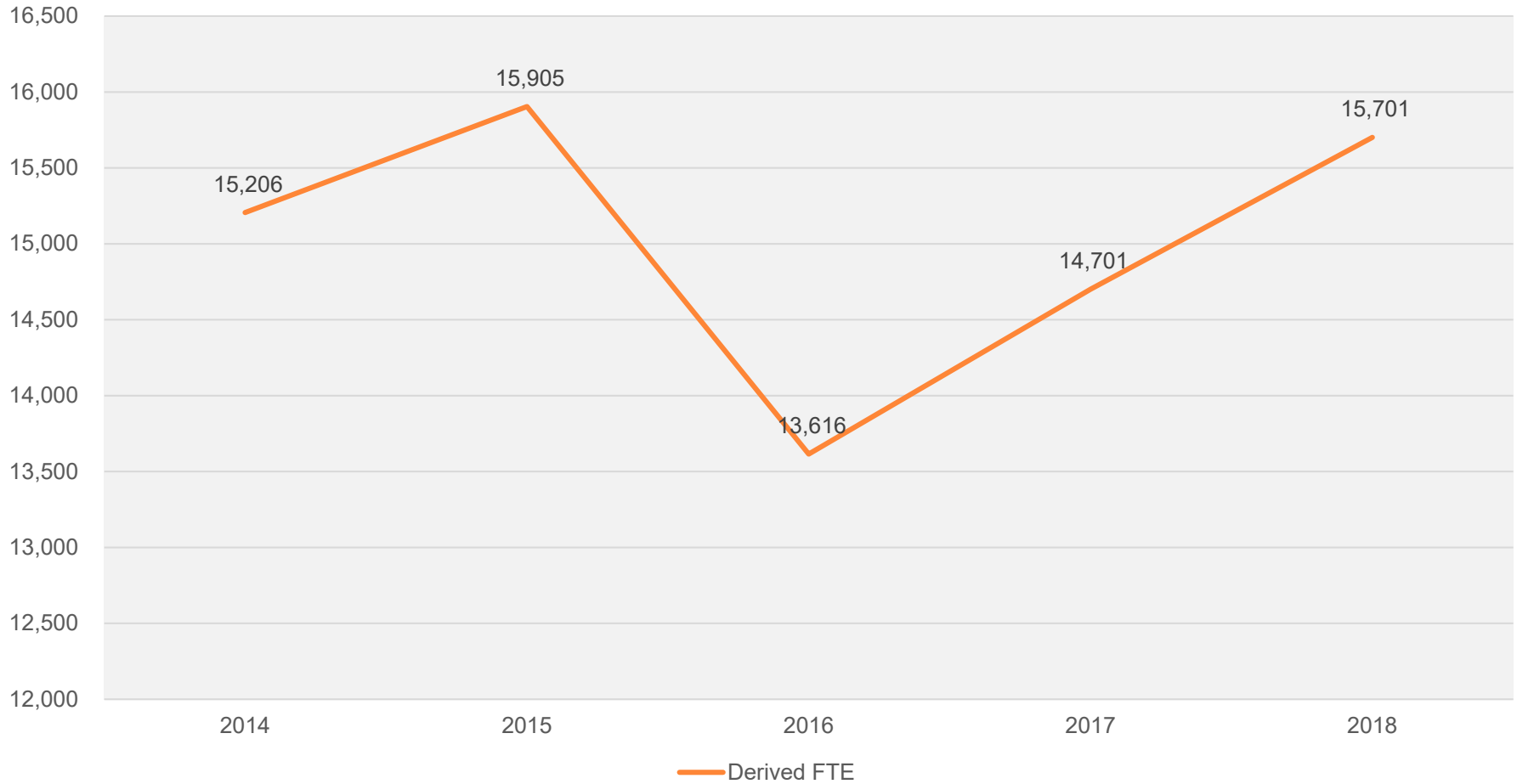
Rate Group 737 - MILLWRIGHTING AND WELDING LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 737 - MILLWRIGHTING AND WELDING Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



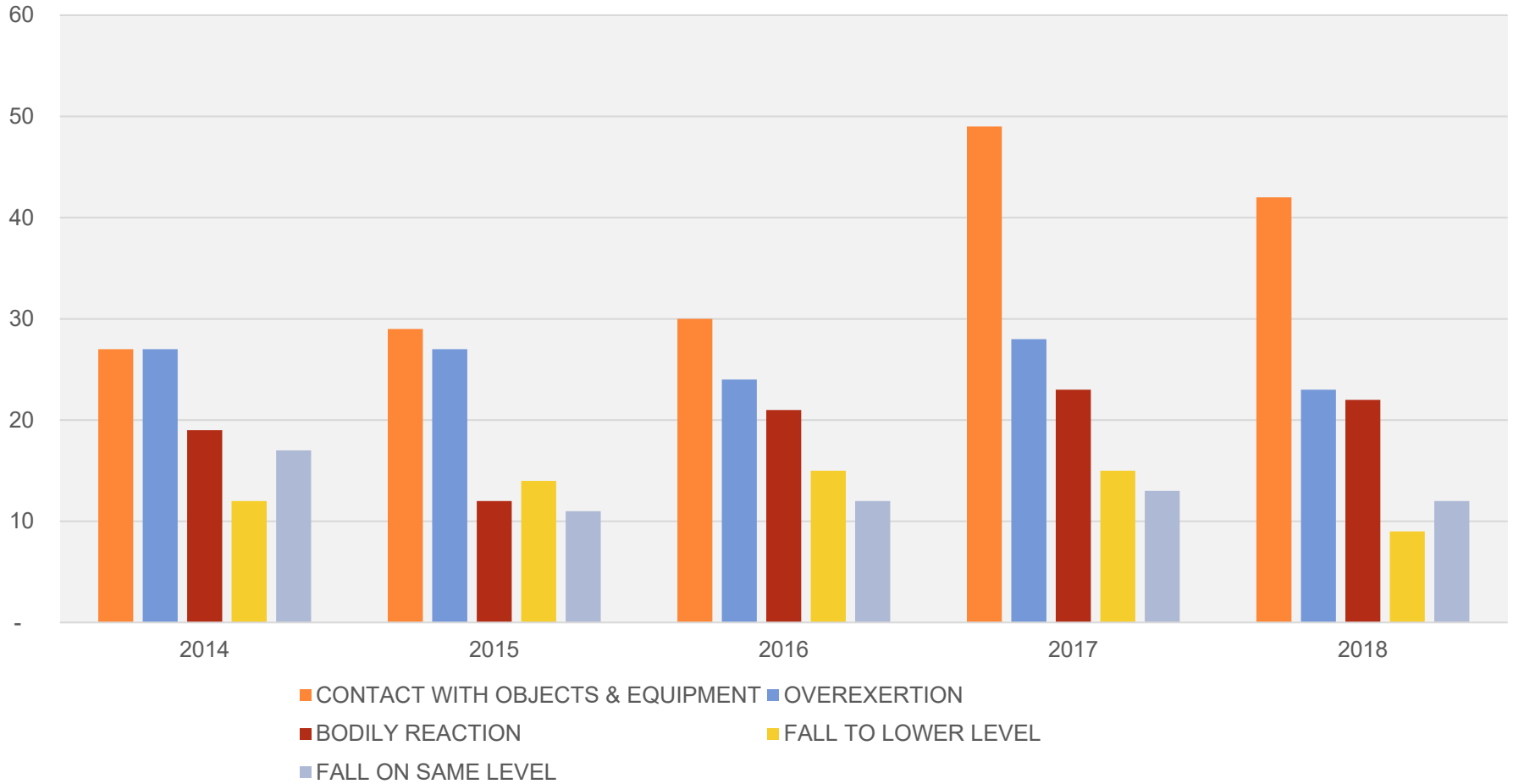
Rate Group 737 - MILLWRIGHTING AND WELDING Derived FTE for 2014-2018 based on March 2019 snapshot



**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
2014	27	14.4%	27	14.4%	19	10.2%	12	6.4%	17	9.1%	102	54.5%
2015	29	15.3%	27	14.2%	12	6.3%	14	7.4%	11	5.8%	93	48.9%
2016	30	15.1%	24	12.1%	21	10.6%	15	7.5%	12	6.0%	102	51.3%
2017	49	22.8%	28	13.0%	23	10.7%	15	7.0%	13	6.0%	128	59.5%
2018	42	24.9%	23	13.6%	22	13.0%	9	5.3%	12	7.1%	108	63.9%

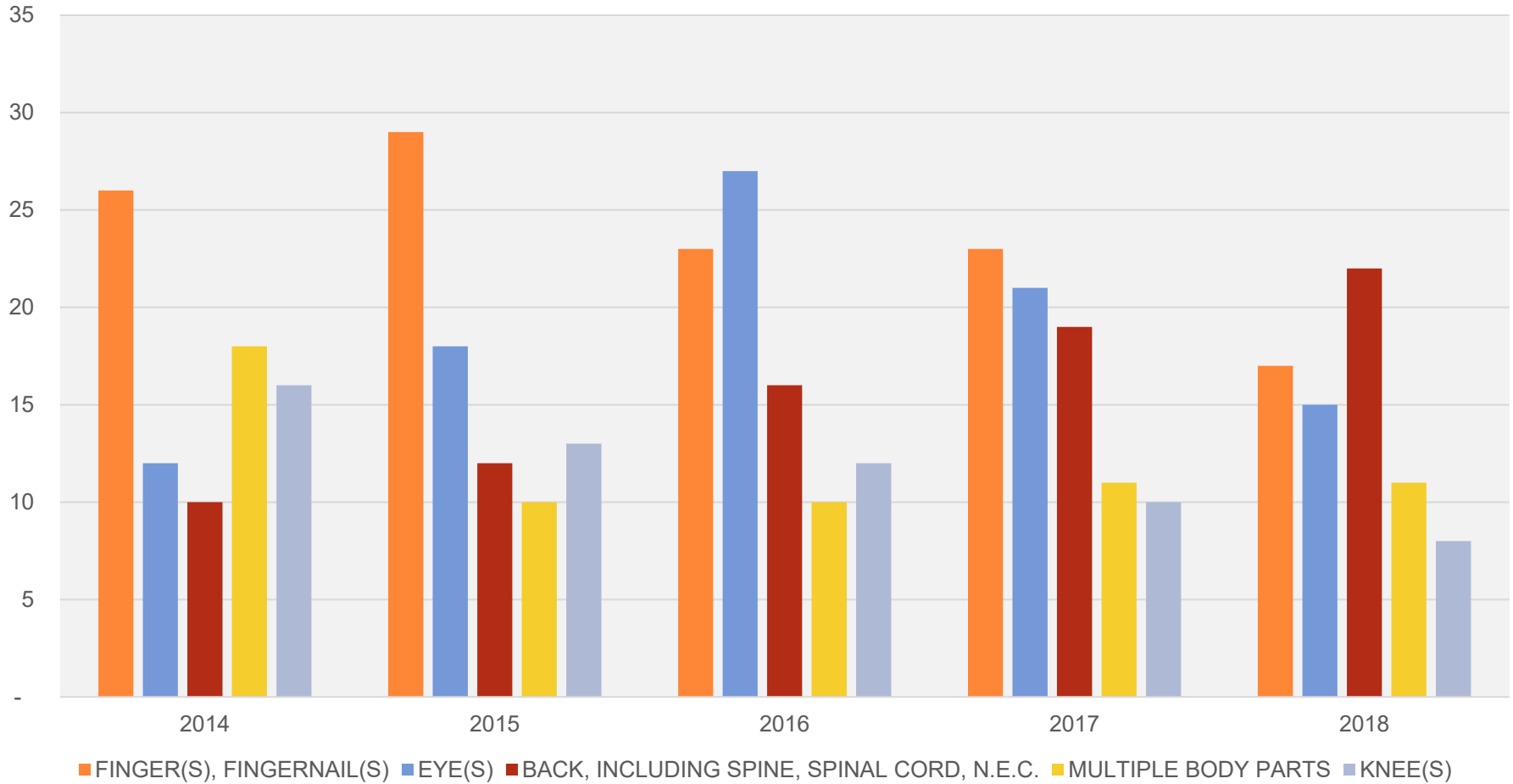
Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Incident Types for 2014-2018 based on March 2019 snapshot



**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.		MULTIPLE BODY PARTS		KNEE(S)		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	26	13.9%	12	6.4%	10	5.3%	18	9.6%	16	8.6%	82	43.9%
2015	29	15.3%	18	9.5%	12	6.3%	10	5.3%	13	6.8%	82	43.2%
2016	23	11.6%	27	13.6%	16	8.0%	10	5.0%	12	6.0%	88	44.2%
2017	23	10.7%	21	9.8%	19	8.8%	11	5.1%	10	4.7%	84	39.1%
2018	17	10.1%	15	8.9%	22	13.0%	11	6.5%	8	4.7%	73	43.2%

Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot

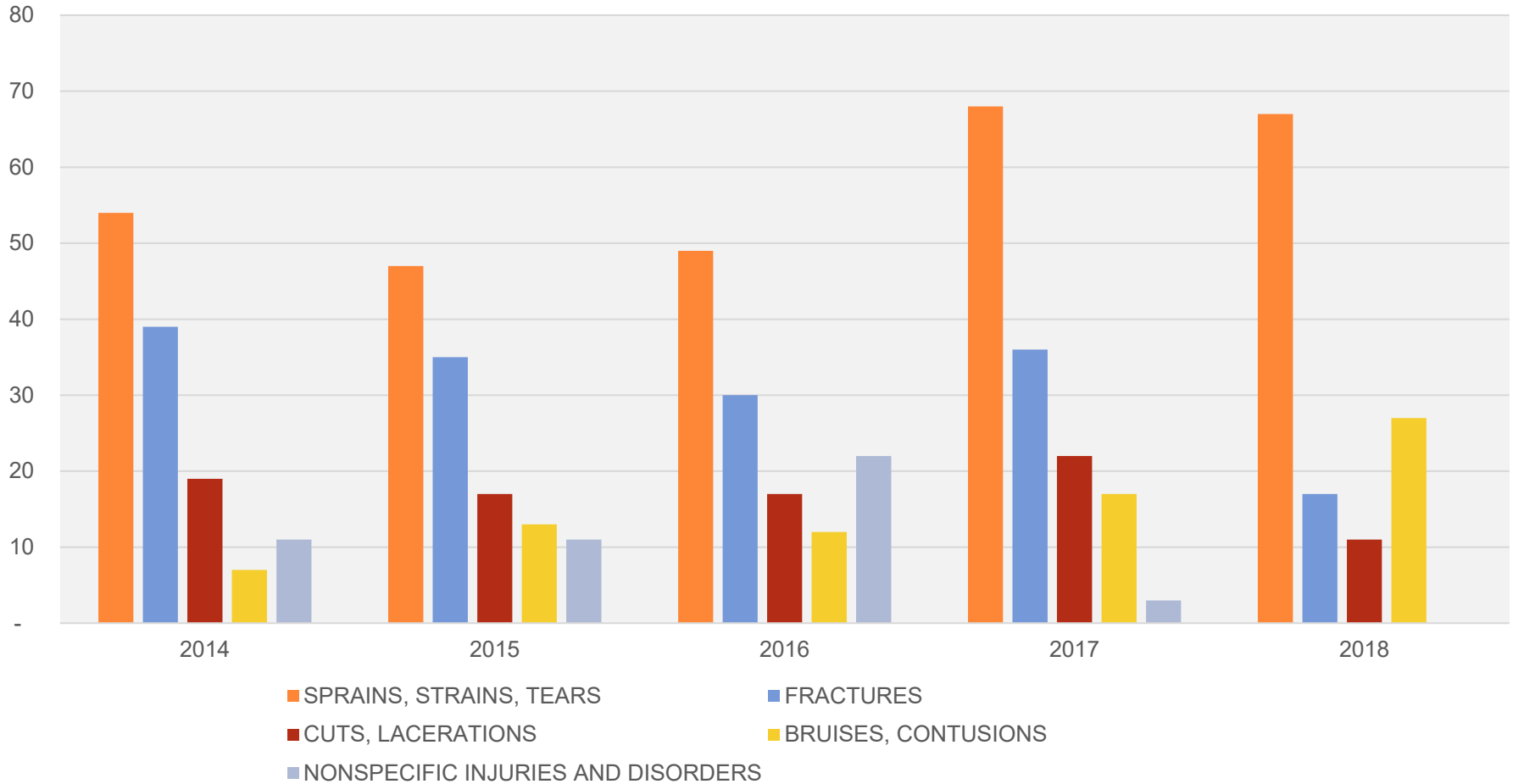


**Top 5 Most Common Nature of Injury Categories
Rate Group 737**

Year	SPRAINS, STRAINS, TEARS		FRACTURES		CUTS, LACERATIONS		BRUISES, CONTUSIONS		NONSPECIFIC INJURIES AND DISORDERS		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	54	28.9%	39	20.9%	19	10.2%	7	3.7%	11	5.9%	130	69.5%
2015	47	24.7%	35	18.4%	17	8.9%	13	6.8%	11	5.8%	123	64.7%
2016	49	24.6%	30	15.1%	17	8.5%	12	6.0%	22	11.1%	130	65.3%
2017	68	31.6%	36	16.7%	22	10.2%	17	7.9%	3	1.4%	146	67.9%
2018	67	39.6%	17	10.1%	11	6.5%	27	16.0%	-	0.0%	122	72.2%

Rate Group 737 - MILLWRIGHTING AND WELDING

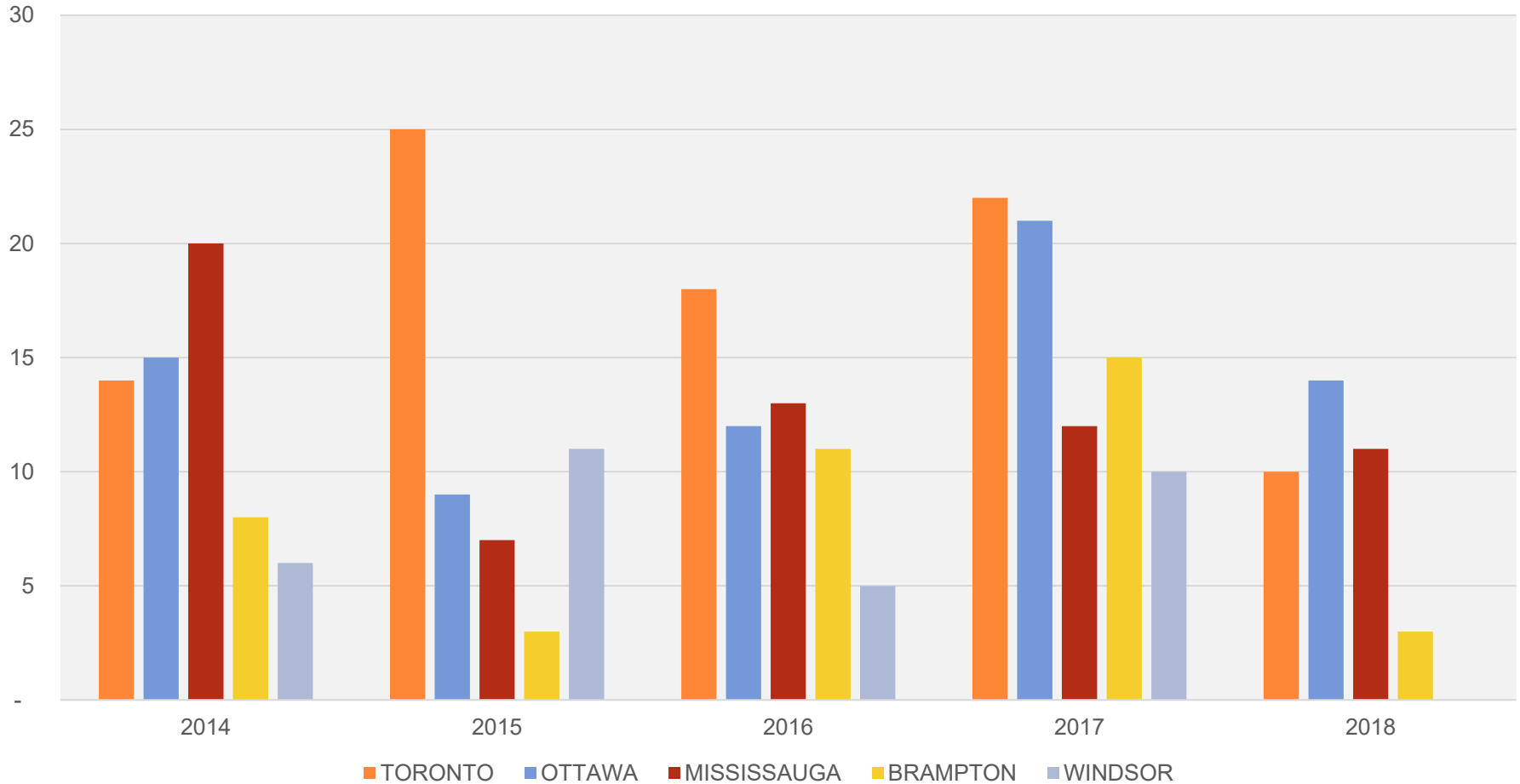
Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



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

Year	TORONTO		OTTAWA		MISSISSAUGA		BRAMPTON		WINDSOR		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	14	7.5%	15	8.0%	20	10.7%	8	4.3%	6	3.2%	63	33.7%
2015	25	13.2%	9	4.7%	7	3.7%	3	1.6%	11	5.8%	55	28.9%
2016	18	9.0%	12	6.0%	13	6.5%	11	5.5%	5	2.5%	59	29.6%
2017	22	10.2%	21	9.8%	12	5.6%	15	7.0%	10	4.7%	80	37.2%
2018	10	5.9%	14	8.3%	11	6.5%	3	1.8%	-	0.0%	38	22.5%

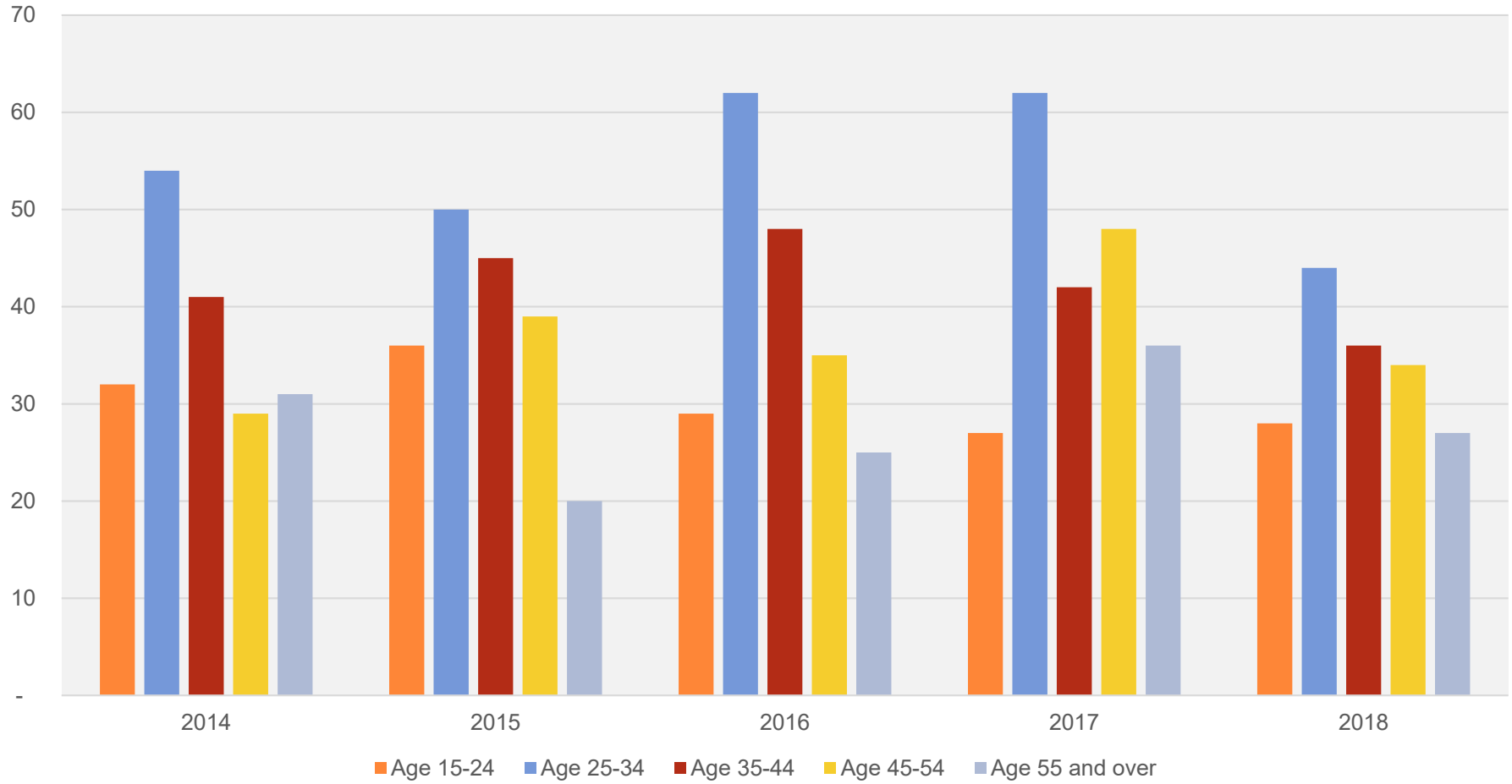
Rate Group 737 - MILLWRIGHTING AND WELDING Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



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
2014	-	0.0%	32	17.1%	54	28.9%	41	21.9%	29	15.5%	31	16.6%	-	0.0%
2015	-	0.0%	36	18.9%	50	26.3%	45	23.7%	39	20.5%	20	10.5%	-	0.0%
2016	-	0.0%	29	14.6%	62	31.2%	48	24.1%	35	17.6%	25	12.6%	-	0.0%
2017	-	0.0%	27	12.6%	62	28.8%	42	19.5%	48	22.3%	36	16.7%	-	0.0%
2018	-	0.0%	28	16.6%	44	26.0%	36	21.3%	34	20.1%	27	16.0%	-	0.0%

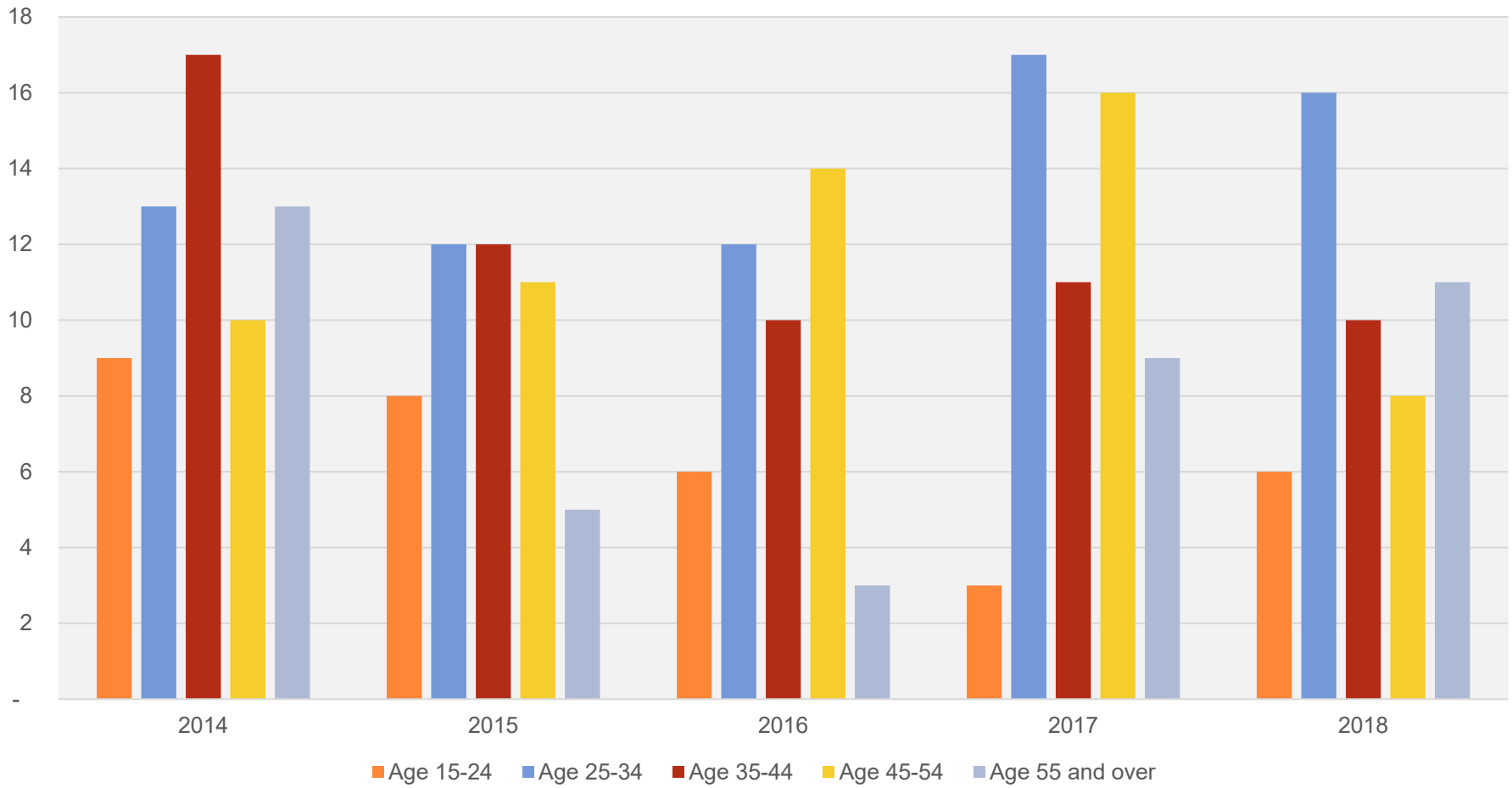
Rate Group 737 - MILLWRIGHTING AND WELDING LTIs by Age Band for 2014-2018 based on March 2019 snapshot



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
2014	-	0.0%	9	14.5%	13	21.0%	17	27.4%	10	16.1%	13	21.0%	-	0.0%
2015	-	0.0%	8	16.7%	12	25.0%	12	25.0%	11	22.9%	5	10.4%	-	0.0%
2016	-	0.0%	6	13.3%	12	26.7%	10	22.2%	14	31.1%	3	6.7%	-	0.0%
2017	-	0.0%	3	5.4%	17	30.4%	11	19.6%	16	28.6%	9	16.1%	-	0.0%
2018	-	0.0%	6	11.8%	16	31.4%	10	19.6%	8	15.7%	11	21.6%	-	0.0%

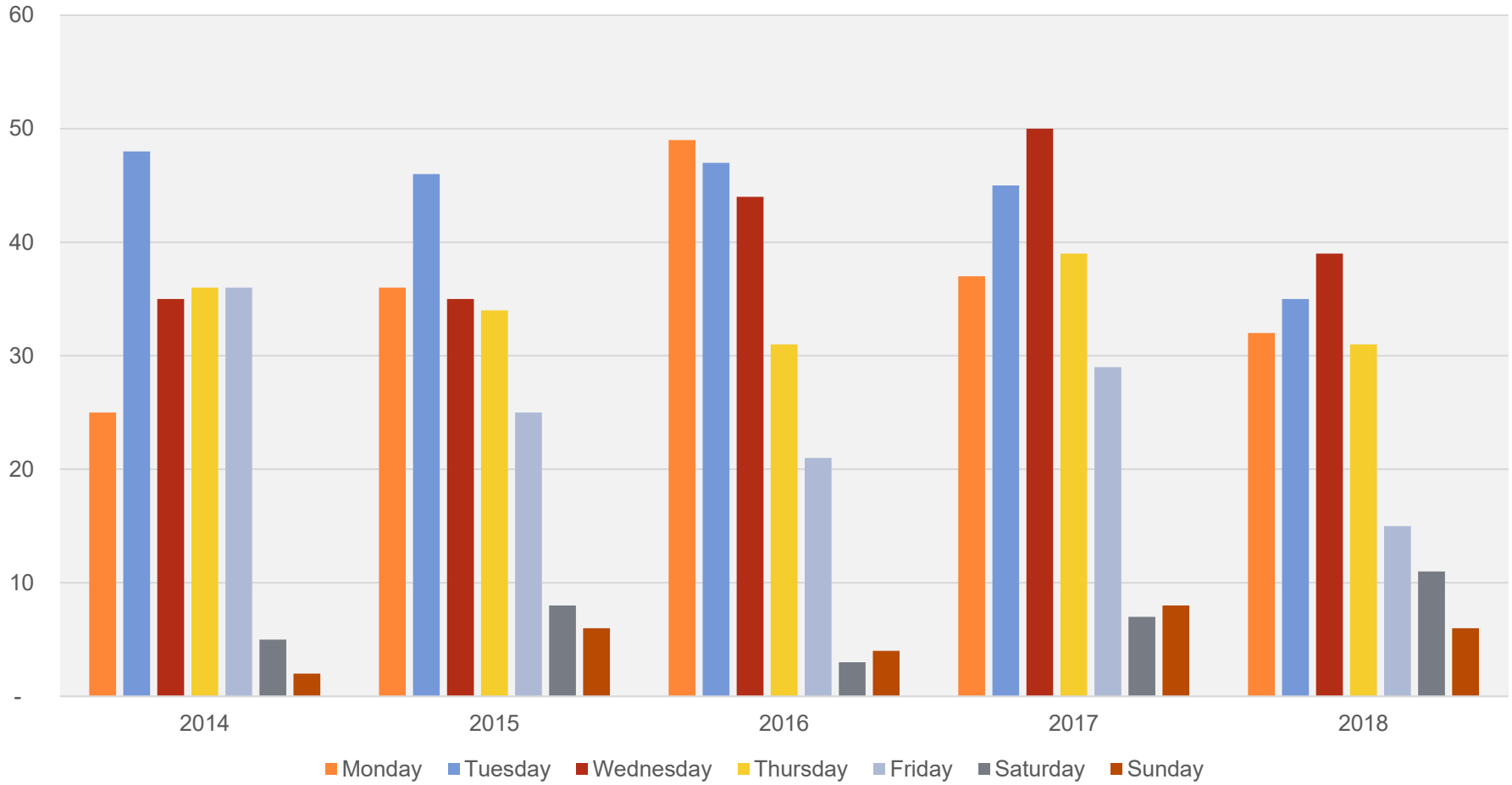
Rate Group 737 - MILLWRIGHTING AND WELDING MSD by Age Band for for 2014-2018 based on March 2019 snapshot



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
2014	25	13.4%	48	25.7%	35	18.7%	36	19.3%	36	19.3%	5	2.7%	2	1.1%
2015	36	18.9%	46	24.2%	35	18.4%	34	17.9%	25	13.2%	8	4.2%	6	3.2%
2016	49	24.6%	47	23.6%	44	22.1%	31	15.6%	21	10.6%	3	1.5%	4	2.0%
2017	37	17.2%	45	20.9%	50	23.3%	39	18.1%	29	13.5%	7	3.3%	8	3.7%
2018	32	18.9%	35	20.7%	39	23.1%	31	18.3%	15	8.9%	11	6.5%	6	3.6%

Rate Group 737 - MILLWRIGHTING AND WELDING LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 737

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	15	8.0%	21	11.1%	18	9.0%	13	6.0%	18	10.7%
February	18	9.6%	9	4.7%	9	4.5%	16	7.4%	11	6.5%
March	19	10.2%	14	7.4%	15	7.5%	18	8.4%	15	8.9%
April	19	10.2%	9	4.7%	15	7.5%	21	9.8%	19	11.2%
May	16	8.6%	15	7.9%	18	9.0%	14	6.5%	11	6.5%
June	12	6.4%	23	12.1%	15	7.5%	14	6.5%	15	8.9%
July	19	10.2%	22	11.6%	19	9.5%	19	8.8%	23	13.6%
August	21	11.2%	14	7.4%	22	11.1%	18	8.4%	15	8.9%
September	13	7.0%	20	10.5%	26	13.1%	17	7.9%	9	5.3%
October	16	8.6%	14	7.4%	18	9.0%	16	7.4%	14	8.3%
November	10	5.3%	15	7.9%	12	6.0%	29	13.5%	10	5.9%
December	9	4.8%	14	7.4%	12	6.0%	20	9.3%	9	5.3%

Rate Group 737 - MILLWRIGHTING AND WELDING LTIs by Month for 2014-2018 based on March 2019 snapshot

