

Rate Group 707 – Mechanical & Sheet Metal Work

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 707				
		2018	2017	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)		5.30	4.93	7.6%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)		3,568	3,632	-1.8%
Traumatic Fatalities Count	Allowed	1	2	-
	Pending	0	0	-
LTI Rate		1.12	1.07	4.6%
LTI Count		754	789	-4.4%
NLTI Count		2,813	2,841	-1.0%
FTE		67,333	73,733	-8.7%

Lost Time Injury Profile. Rate Group 707						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	255	0.38	280	0.38	-8.9%	-0.3%
Falls	175	0.26	157	0.21	11.5%	22.1%
Machinery	32	0.05	36	0.05	-11.1%	-2.7%
MVIs	20	0.03	21	0.03	-4.8%	4.3%
Critical Injuries	66	0.10	53	0.07	24.5%	36.4%
New Worker	35	0.05	55	0.07	-36.4%	-30.3%
Young Worker	120	0.18	126	0.17	-4.8%	4.3%

High Impact Claims. Rate Group 707						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	118	0.18	113	0.15	4.4%	14.4%
Shoulder	36	0.05	48	0.07	-25.0%	-17.9%
Fractures	84	0.12	77	0.10	9.1%	19.5%
Total HI Claims	238	0.35	238	0.32	0.0%	9.5%

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 707 – Mechanical & Sheet Metal Work

Member Injury Performance Analysis for 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 707								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2014	691	1.09	2	2,900	4.59	3,593	5.69	63,196
2015	679	1.05	5	2,648	4.09	3,332	5.15	64,669
2016	723	1.04	1	2,648	3.82	3,372	4.86	69,324
2017	789	1.07	2	2,841	3.85	3,632	4.93	73,733
2018	754	1.12	1	2,813	4.18	3,568	5.30	67,333

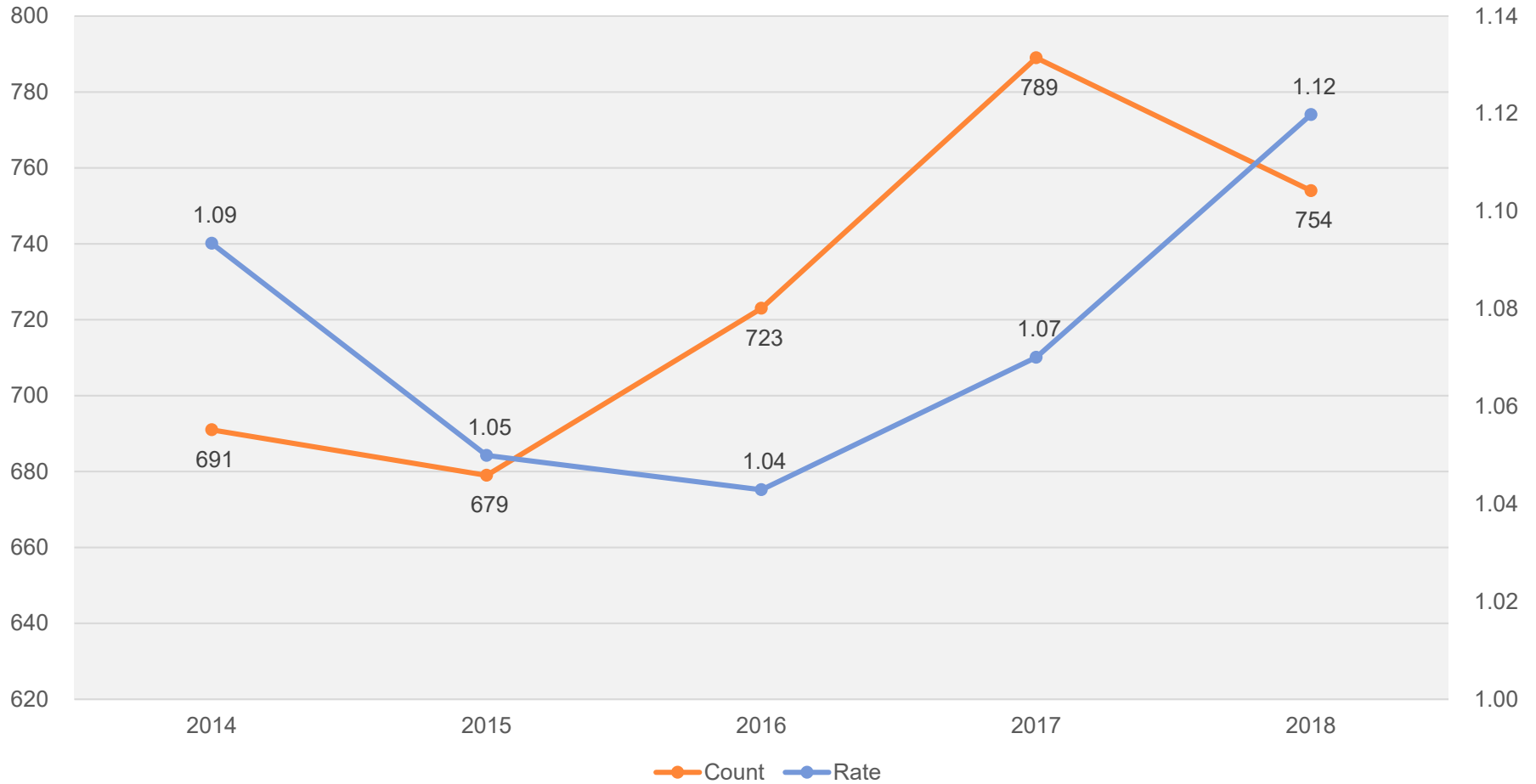
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

Lost-time Injury Profile Rate Group 707														
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	234	0.37	151	0.24	22	0.03	17	0.03	29	0.05	46	0.07	102	0.16
2015	260	0.40	128	0.20	22	0.03	11	0.02	50	0.08	41	0.06	100	0.15
2016	255	0.37	137	0.20	20	0.03	24	0.03	55	0.08	28	0.04	100	0.14
2017	280	0.38	157	0.21	36	0.05	21	0.03	53	0.07	55	0.07	126	0.17
2018	255	0.38	175	0.26	32	0.05	20	0.03	66	0.10	35	0.05	120	0.18

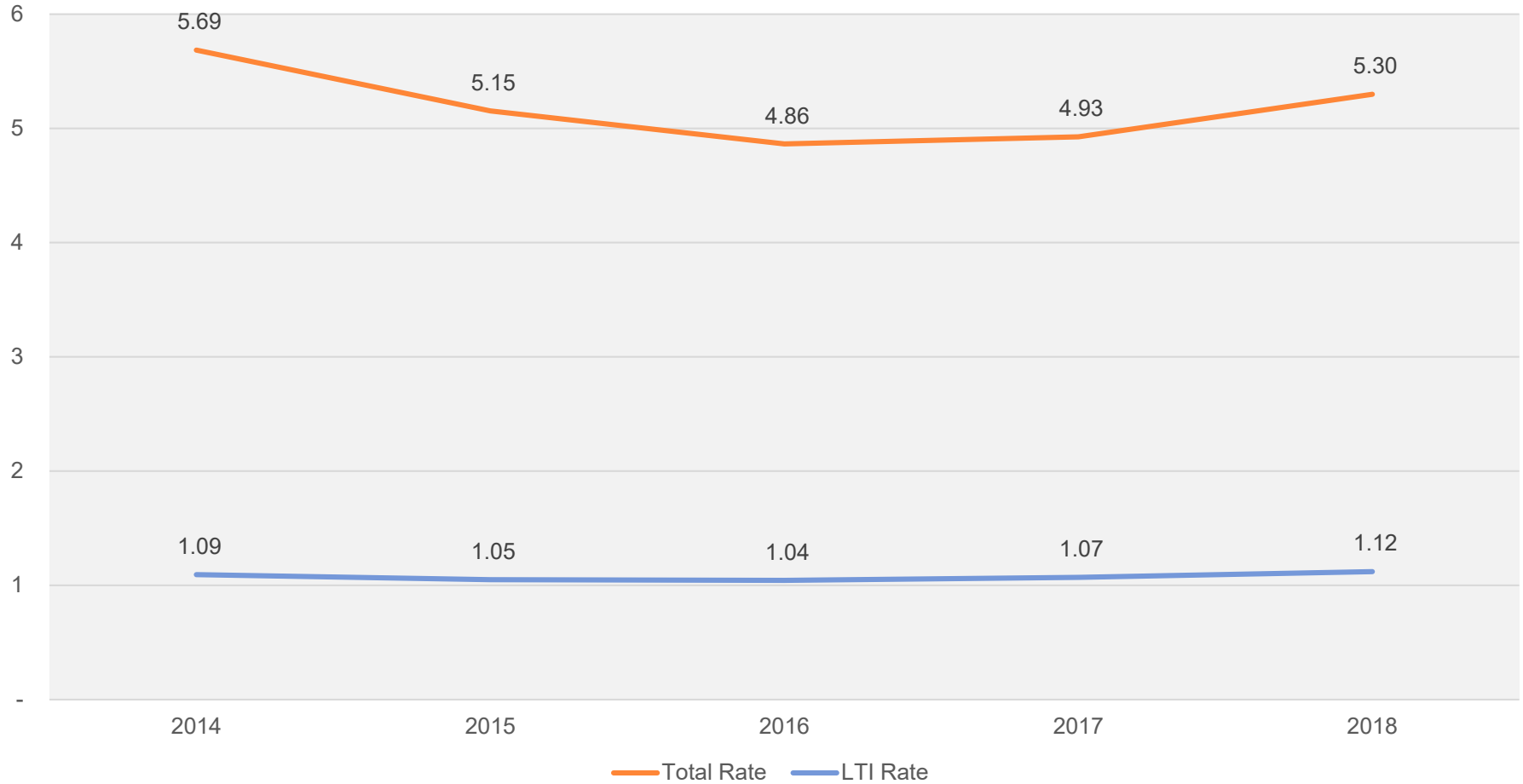
High Impact Lost-time Injury Profile
Rate Group 707

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	119	0.19	40	0.06	68	0.11	227	0.36
2015	124	0.19	43	0.07	83	0.13	250	0.39
2016	116	0.17	44	0.06	73	0.11	233	0.34
2017	113	0.15	48	0.07	77	0.10	238	0.32
2018	118	0.18	36	0.05	84	0.12	238	0.35

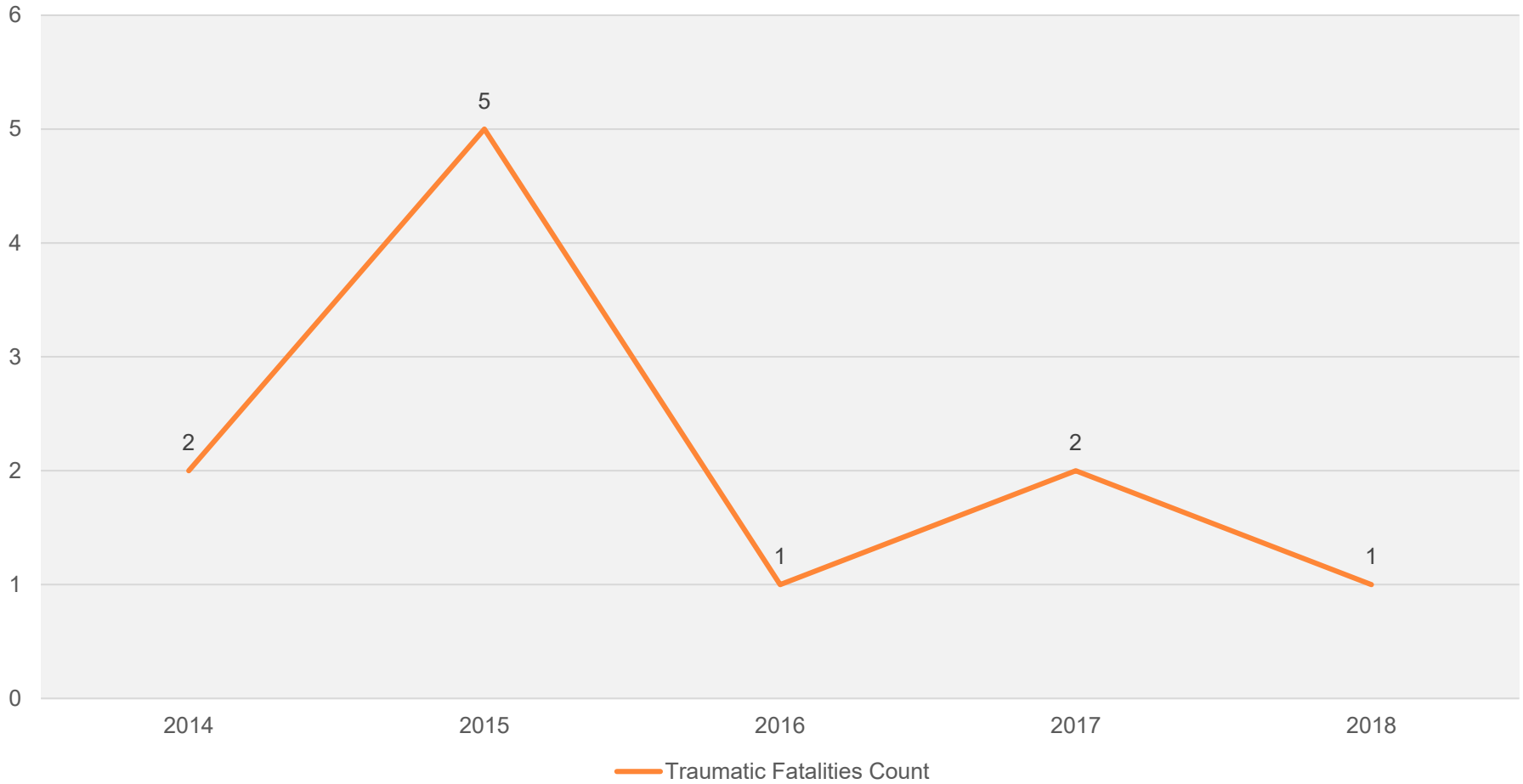
Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTI Count and Rate for 2014-2018 based on March 2019 snapshot



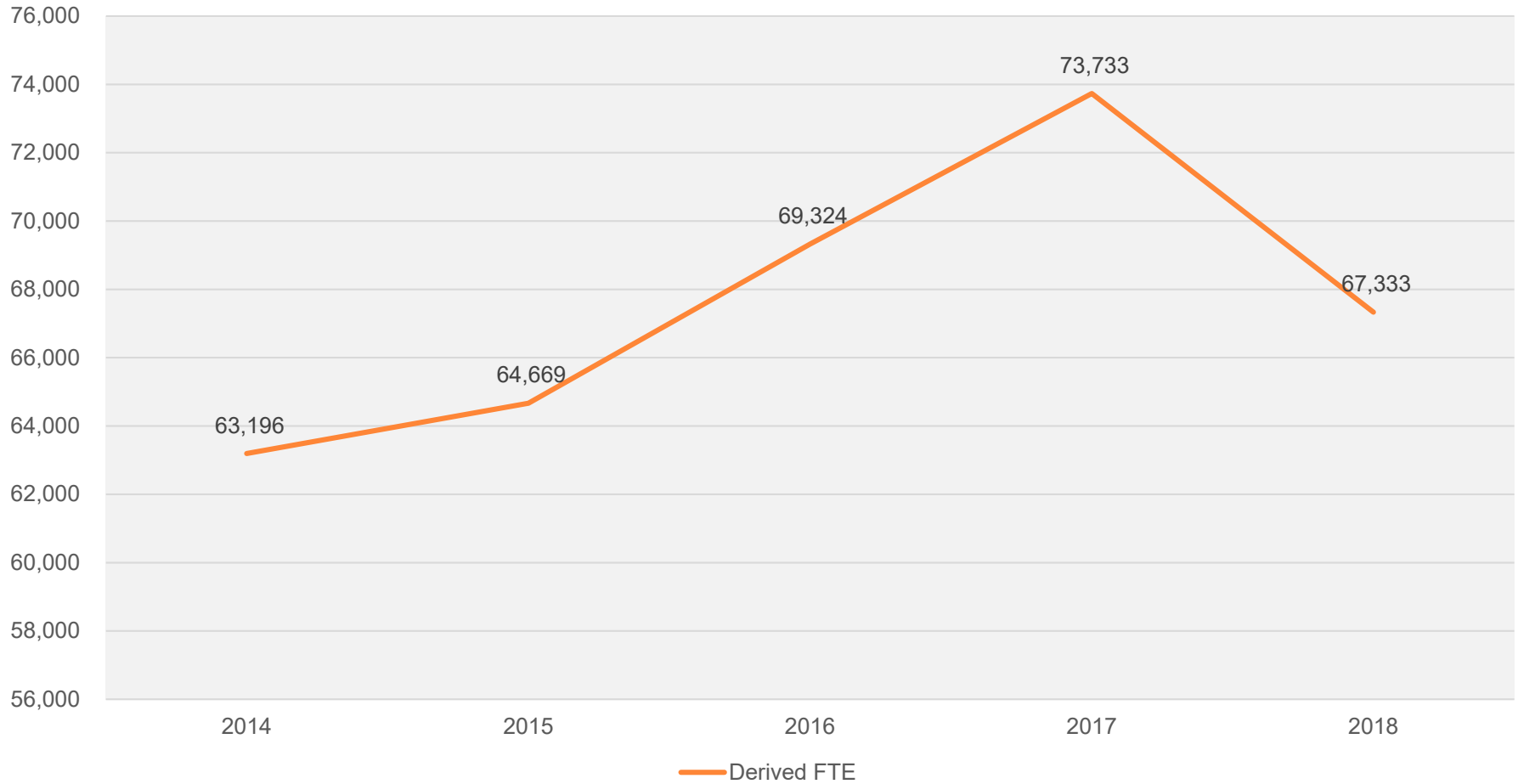
Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 707 - MECHANICAL AND SHEET METAL WORK Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



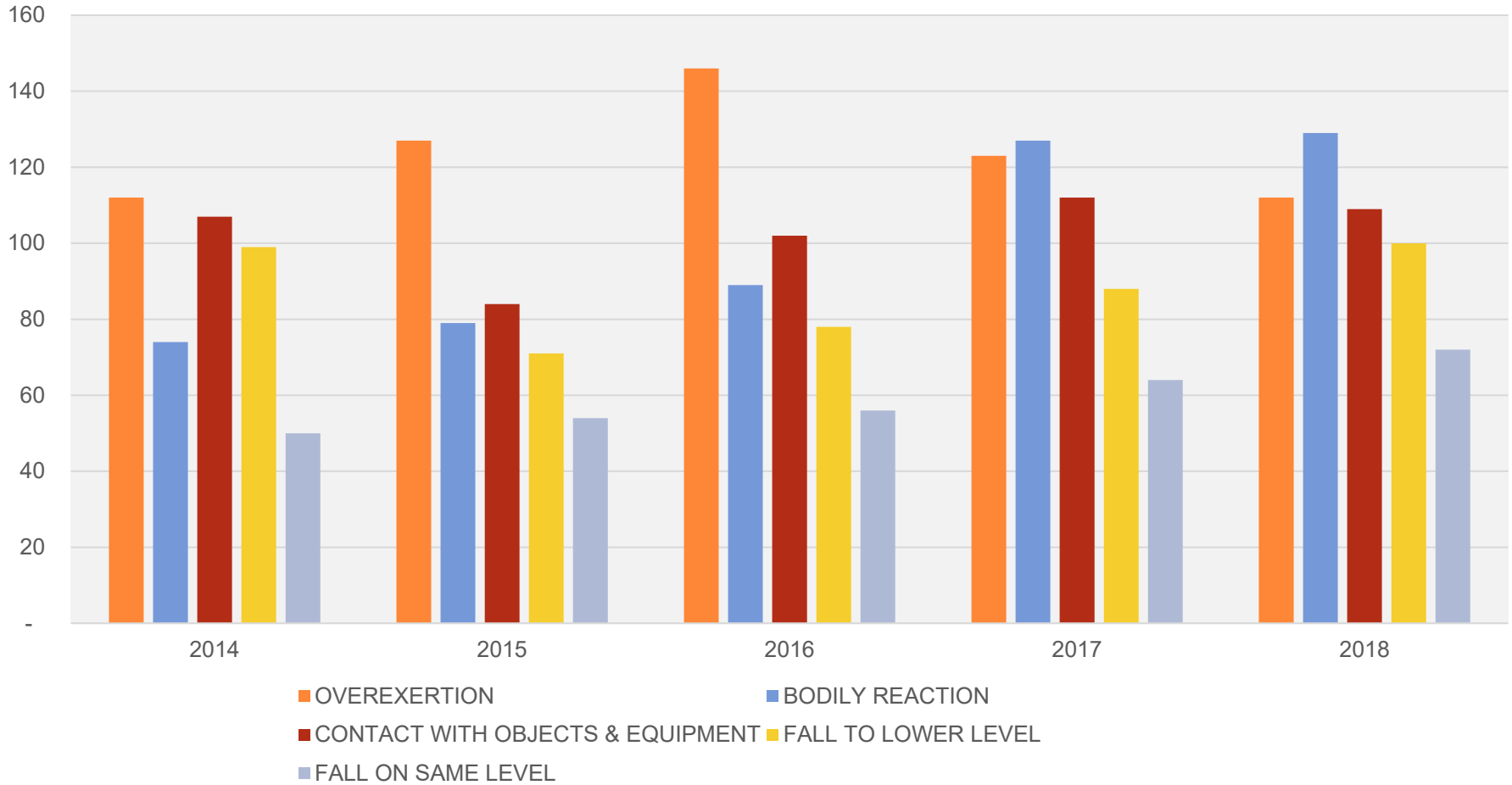
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Derived FTE for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Types
Rate Group 707**

Year	OVEREXERTION		BODILY REACTION		CONTACT WITH OBJECTS & EQUIPMENT		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	112	16.2%	74	10.7%	107	15.5%	99	14.3%	50	7.2%	442	64.0%
2015	127	18.7%	79	11.6%	84	12.4%	71	10.5%	54	8.0%	415	61.1%
2016	146	20.2%	89	12.3%	102	14.1%	78	10.8%	56	7.7%	471	65.1%
2017	123	15.6%	127	16.1%	112	14.2%	88	11.2%	64	8.1%	514	65.1%
2018	112	14.9%	129	17.1%	109	14.5%	100	13.3%	72	9.5%	522	69.2%

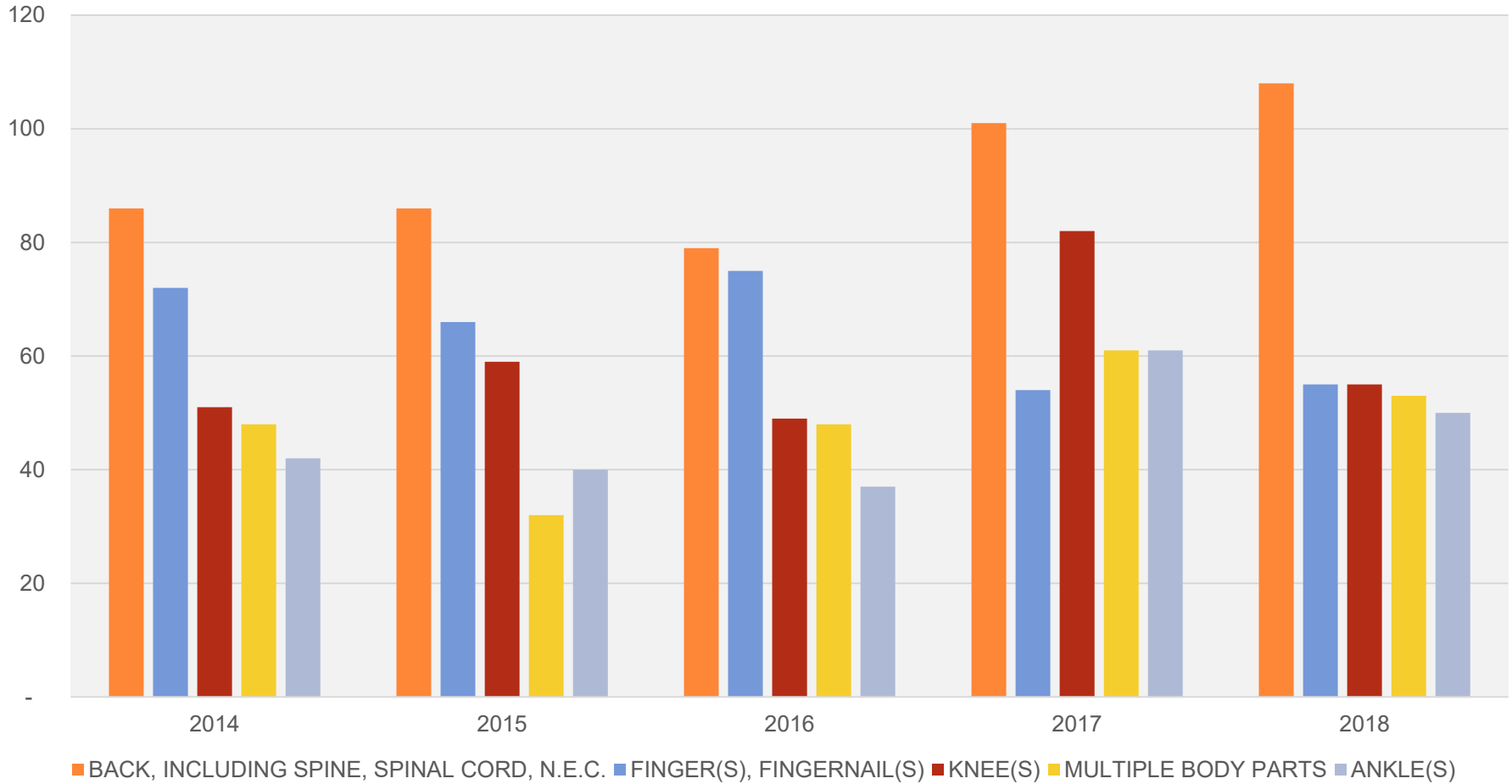
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Incident Types for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Parts of Body Injured
Rate Group 707**

Year	BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		FINGER(S), FINGERNAIL(S)		KNEE(S)		MULTIPLE BODY PARTS		ANKLE(S)		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	86	12.4%	72	10.4%	51	7.4%	48	6.9%	42	6.1%	299	43.3%
2015	86	12.7%	66	9.7%	59	8.7%	32	4.7%	40	5.9%	283	41.7%
2016	79	10.9%	75	10.4%	49	6.8%	48	6.6%	37	5.1%	288	39.8%
2017	101	12.8%	54	6.8%	82	10.4%	61	7.7%	61	7.7%	359	45.5%
2018	108	14.3%	55	7.3%	55	7.3%	53	7.0%	50	6.6%	321	42.6%

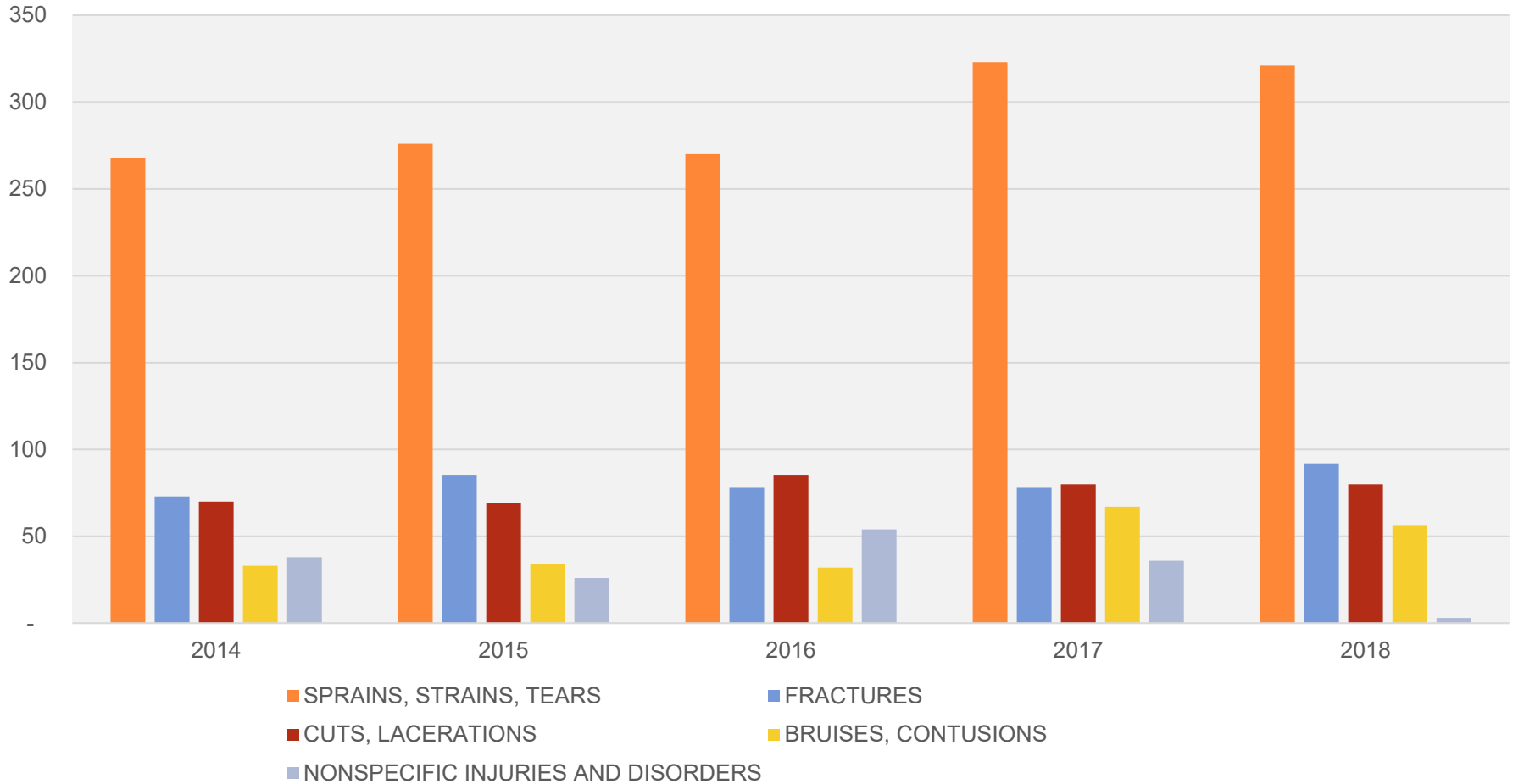
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Nature of Injury Categories
Rate Group 707**

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	268	38.8%	73	10.6%	70	10.1%	33	4.8%	38	5.5%	482	69.8%
2015	276	40.6%	85	12.5%	69	10.2%	34	5.0%	26	3.8%	490	72.2%
2016	270	37.3%	78	10.8%	85	11.8%	32	4.4%	54	7.5%	519	71.8%
2017	323	40.9%	78	9.9%	80	10.1%	67	8.5%	36	4.6%	584	74.0%
2018	321	42.6%	92	12.2%	80	10.6%	56	7.4%	3	0.4%	552	73.2%

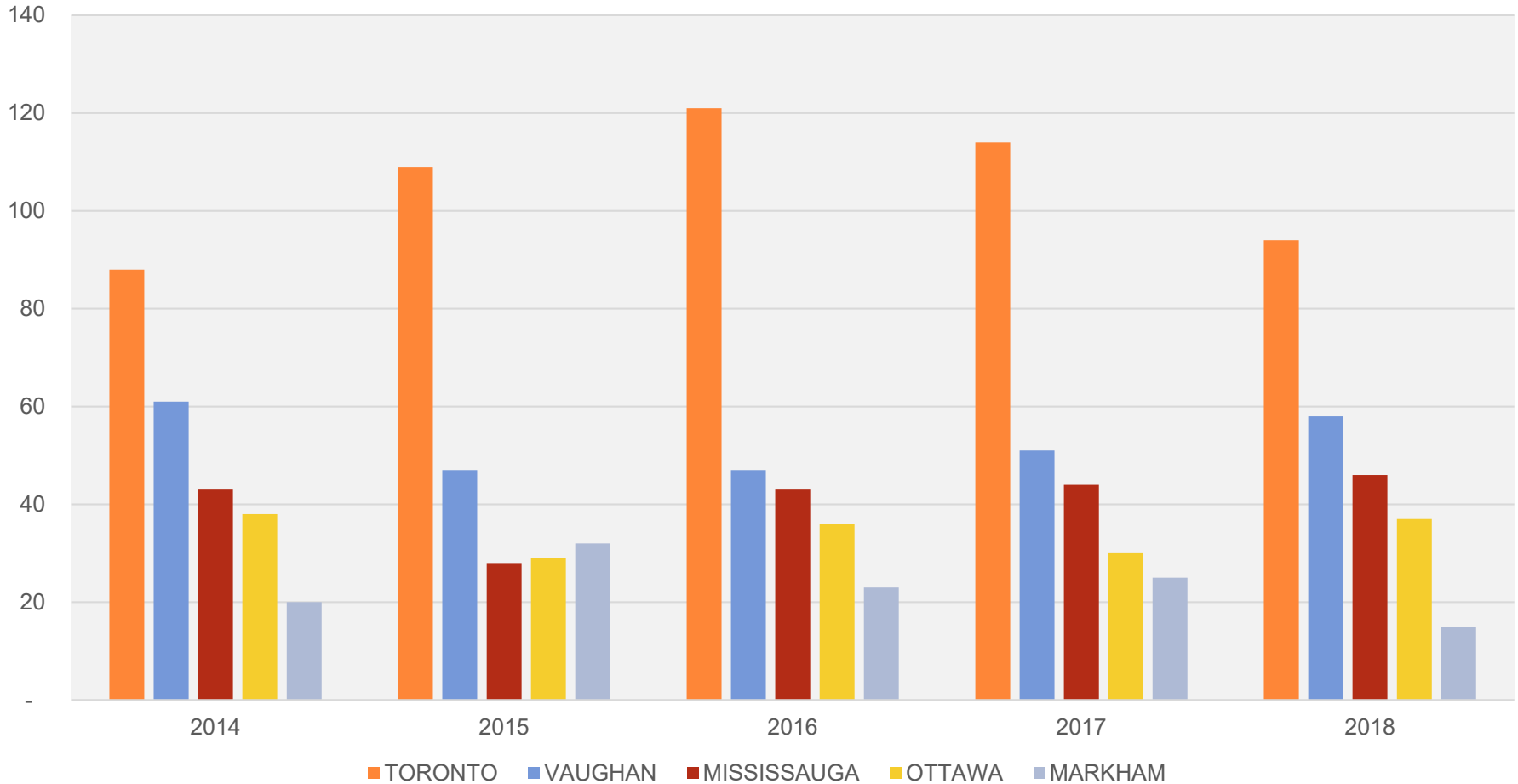
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Places
Rate Group 707**

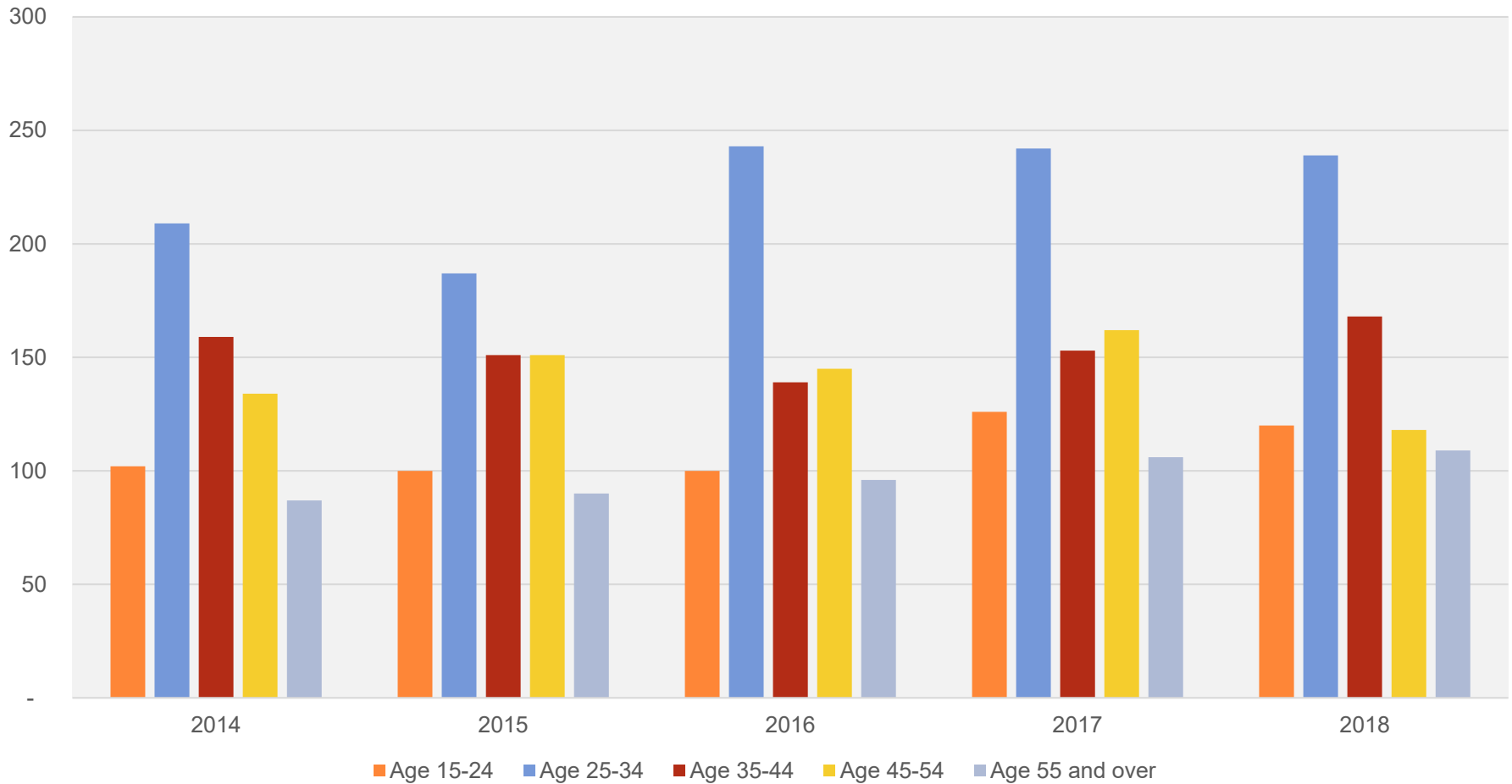
Year	TORONTO		VAUGHAN		MISSISSAUGA		OTTAWA		MARKHAM		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	88	12.7%	61	8.8%	43	6.2%	38	5.5%	20	2.9%	250	36.2%
2015	109	16.1%	47	6.9%	28	4.1%	29	4.3%	32	4.7%	245	36.1%
2016	121	16.7%	47	6.5%	43	5.9%	36	5.0%	23	3.2%	270	37.3%
2017	114	14.4%	51	6.5%	44	5.6%	30	3.8%	25	3.2%	264	33.5%
2018	94	12.5%	58	7.7%	46	6.1%	37	4.9%	15	2.0%	250	33.2%

Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



Age Band Breakdown Rate Group 707															
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%	102	14.8%	209	30.2%	159	23.0%	134	19.4%	87	12.6%	-	0.0%	
2015	-	0.0%	100	14.7%	187	27.5%	151	22.2%	151	22.2%	90	13.3%	-	0.0%	
2016	-	0.0%	100	13.8%	243	33.6%	139	19.2%	145	20.1%	96	13.3%	-	0.0%	
2017	-	0.0%	126	16.0%	242	30.7%	153	19.4%	162	20.5%	106	13.4%	-	0.0%	
2018	-	0.0%	120	15.9%	239	31.7%	168	22.3%	118	15.6%	109	14.5%	-	0.0%	

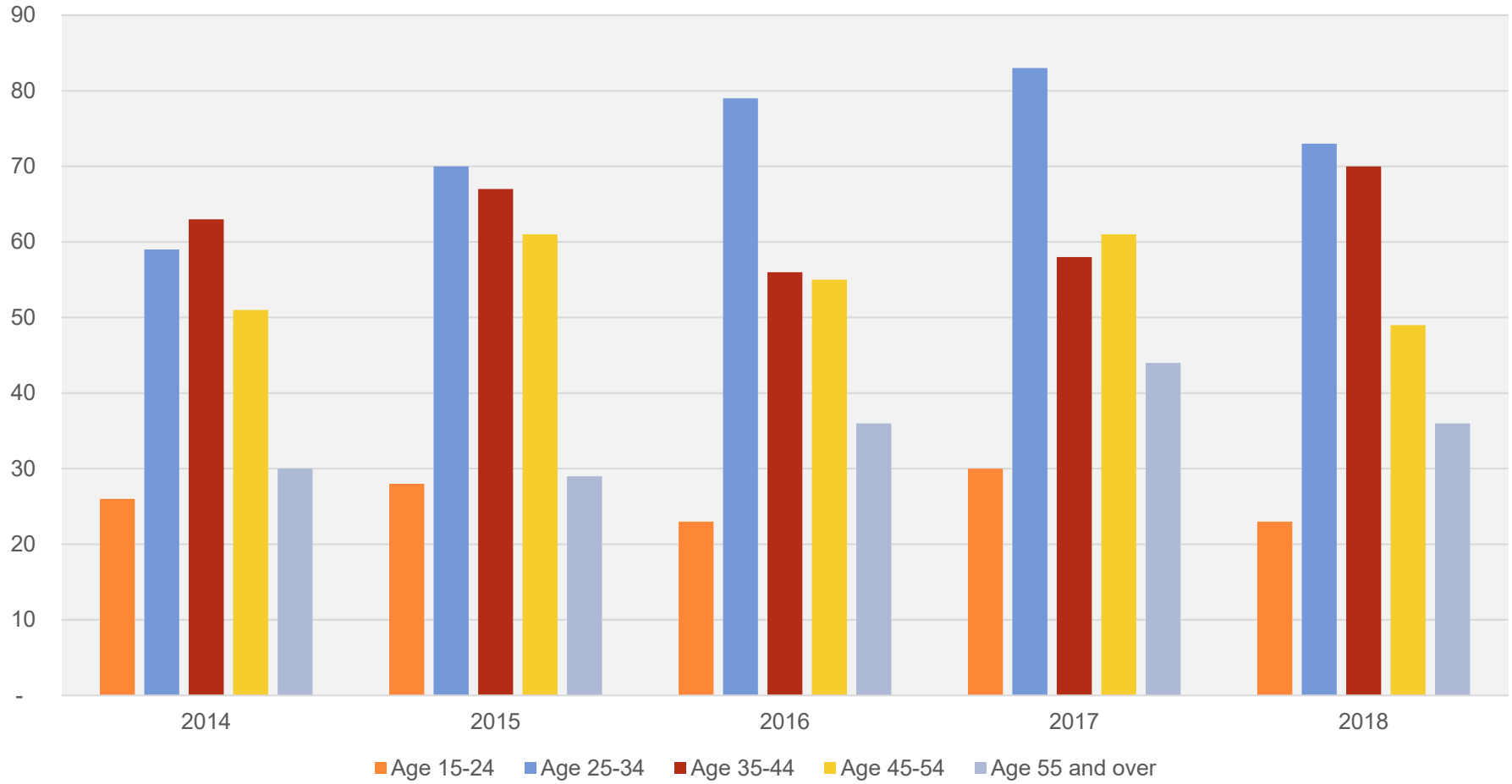
Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTIs by Age Band for 2014-2018 based on March 2019 snapshot



MSD Breakdown by Age Band
Rate Group 707

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%	26	11.4%	59	25.8%	63	27.5%	51	22.3%	30	13.1%	-	0.0%
2015	-	0.0%	28	11.0%	70	27.5%	67	26.3%	61	23.9%	29	11.4%	-	0.0%
2016	-	0.0%	23	9.2%	79	31.7%	56	22.5%	55	22.1%	36	14.5%	-	0.0%
2017	-	0.0%	30	10.9%	83	30.1%	58	21.0%	61	22.1%	44	15.9%	-	0.0%
2018	-	0.0%	23	9.2%	73	29.1%	70	27.9%	49	19.5%	36	14.3%	-	0.0%

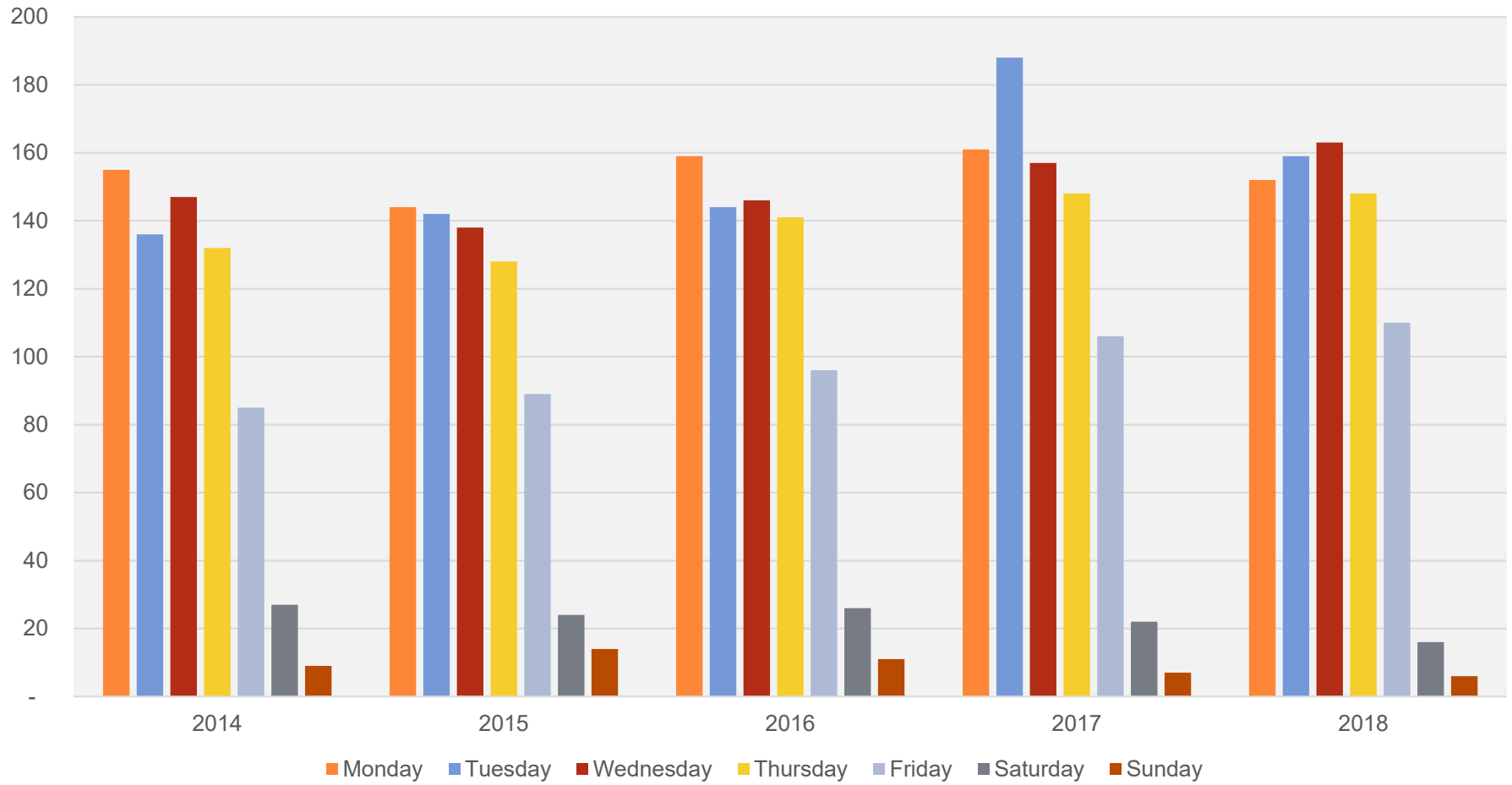
Rate Group 707 - MECHANICAL AND SHEET METAL WORK MSD by Age Band for for 2014-2018 based on March 2019 snapshot



LTI Breakdown by Day of Week
Rate Group 707

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	155	22.4%	136	19.7%	147	21.3%	132	19.1%	85	12.3%	27	3.9%	9	1.3%
2015	144	21.2%	142	20.9%	138	20.3%	128	18.9%	89	13.1%	24	3.5%	14	2.1%
2016	159	22.0%	144	19.9%	146	20.2%	141	19.5%	96	13.3%	26	3.6%	11	1.5%
2017	161	20.4%	188	23.8%	157	19.9%	148	18.8%	106	13.4%	22	2.8%	7	0.9%
2018	152	20.2%	159	21.1%	163	21.6%	148	19.6%	110	14.6%	16	2.1%	6	0.8%

Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 707

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	65	9.4%	50	7.4%	65	9.0%	58	7.4%	75	9.9%
February	55	8.0%	53	7.8%	56	7.7%	53	6.7%	47	6.2%
March	58	8.4%	62	9.1%	45	6.2%	72	9.1%	44	5.8%
April	38	5.5%	50	7.4%	50	6.9%	55	7.0%	49	6.5%
May	64	9.3%	49	7.2%	56	7.7%	55	7.0%	75	9.9%
June	66	9.6%	67	9.9%	65	9.0%	70	8.9%	73	9.7%
July	62	9.0%	71	10.5%	60	8.3%	71	9.0%	90	11.9%
August	70	10.1%	53	7.8%	62	8.6%	68	8.6%	66	8.8%
September	63	9.1%	56	8.2%	70	9.7%	75	9.5%	58	7.7%
October	61	8.8%	60	8.8%	58	8.0%	75	9.5%	65	8.6%
November	54	7.8%	62	9.1%	72	10.0%	82	10.4%	70	9.3%
December	35	5.1%	46	6.8%	64	8.9%	55	7.0%	42	5.6%

Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTIs by Month for 2014-2018 based on March 2019 snapshot

