

Rate Group 707 – Mechanical & Sheet Metal Work

Member Firm Injury Performance

Based on the March 2020 Snapshot

Overall Injury Performance in Rate Group 707			
	2019	2018	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)	5.18	5.36	-3.4%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)	3,629	3,634	-0.1%
Traumatic Fatalities Count	Allowed	1	1
	Pending	0	0
LTI Rate	1.14	1.14	0.5%
LTI Count	801	771	3.9%
NLTI Count	2,827	2,862	-1.2%
FTE	70,081	67,777	3.4%

Lost Time Injury Profile. Rate Group 707						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	279	0.40	263	0.39	6.1%	2.6%
Falls	168	0.24	185	0.27	-9.2%	-12.2%
Machinery	27	0.04	33	0.05	-18.2%	-20.9%
MVIs	24	0.03	21	0.03	14.3%	10.5%
Critical Injuries	68	0.10	68	0.10	0.0%	-3.3%
New Worker	35	0.05	55	0.08	-36.4%	-38.5%
Young Worker	140	0.20	120	0.18	16.7%	12.8%

High Impact Claims. Rate Group 707						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	135	0.19	119	0.18	13.4%	9.7%
Shoulder	38	0.05	41	0.06	-7.3%	-10.4%
Fractures	84	0.12	77	0.11	9.1%	5.5%
Total HI Claims	238	0.34	238	0.35	0.0%	-3.3%

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, Electrocution, 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 2015-2019

Based on March 2020 Snapshot

Overall Injury Performance Rate Group 707								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2015	680	1.05	5	2,649	4.09	3,334	5.15	64,704
2016	725	1.05	1	2,657	3.83	3,383	4.88	69,349
2017	791	1.07	2	2,850	3.87	3,643	4.94	73,682
2018	771	1.14	1	2,862	4.22	3,634	5.36	67,777
2019	801	1.14	1	2,827	4.03	3,629	5.18	70,081

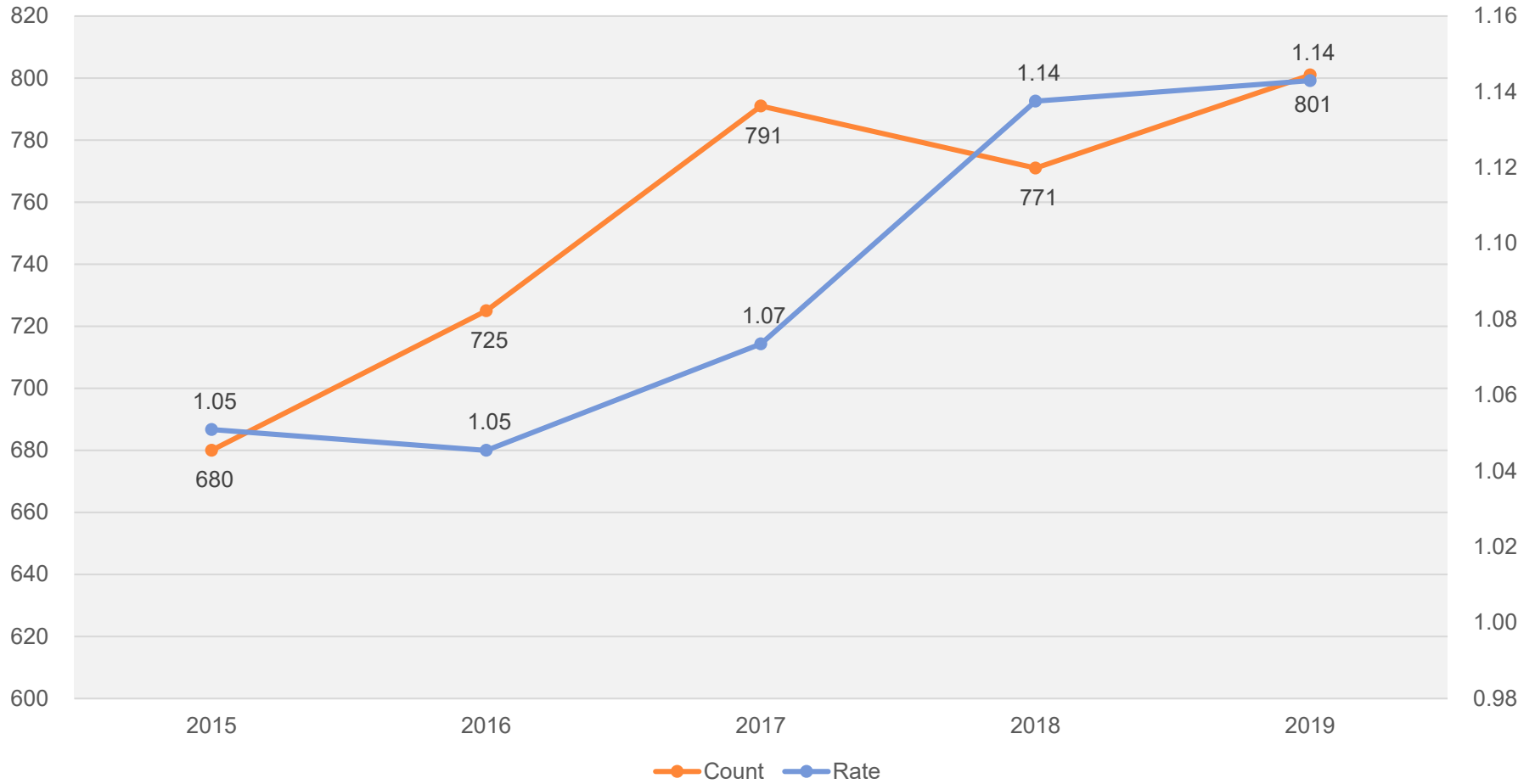
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

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
2015	263	0.41	127	0.20	22	0.03	11	0.02	49	0.08	46	0.07	100	0.15
2016	256	0.37	137	0.20	20	0.03	24	0.03	55	0.08	41	0.06	100	0.14
2017	285	0.39	155	0.21	36	0.05	22	0.03	54	0.07	28	0.04	127	0.17
2018	263	0.39	185	0.27	33	0.05	21	0.03	68	0.10	55	0.08	120	0.18
2019	279	0.40	168	0.24	27	0.04	24	0.03	68	0.10	35	0.05	140	0.20

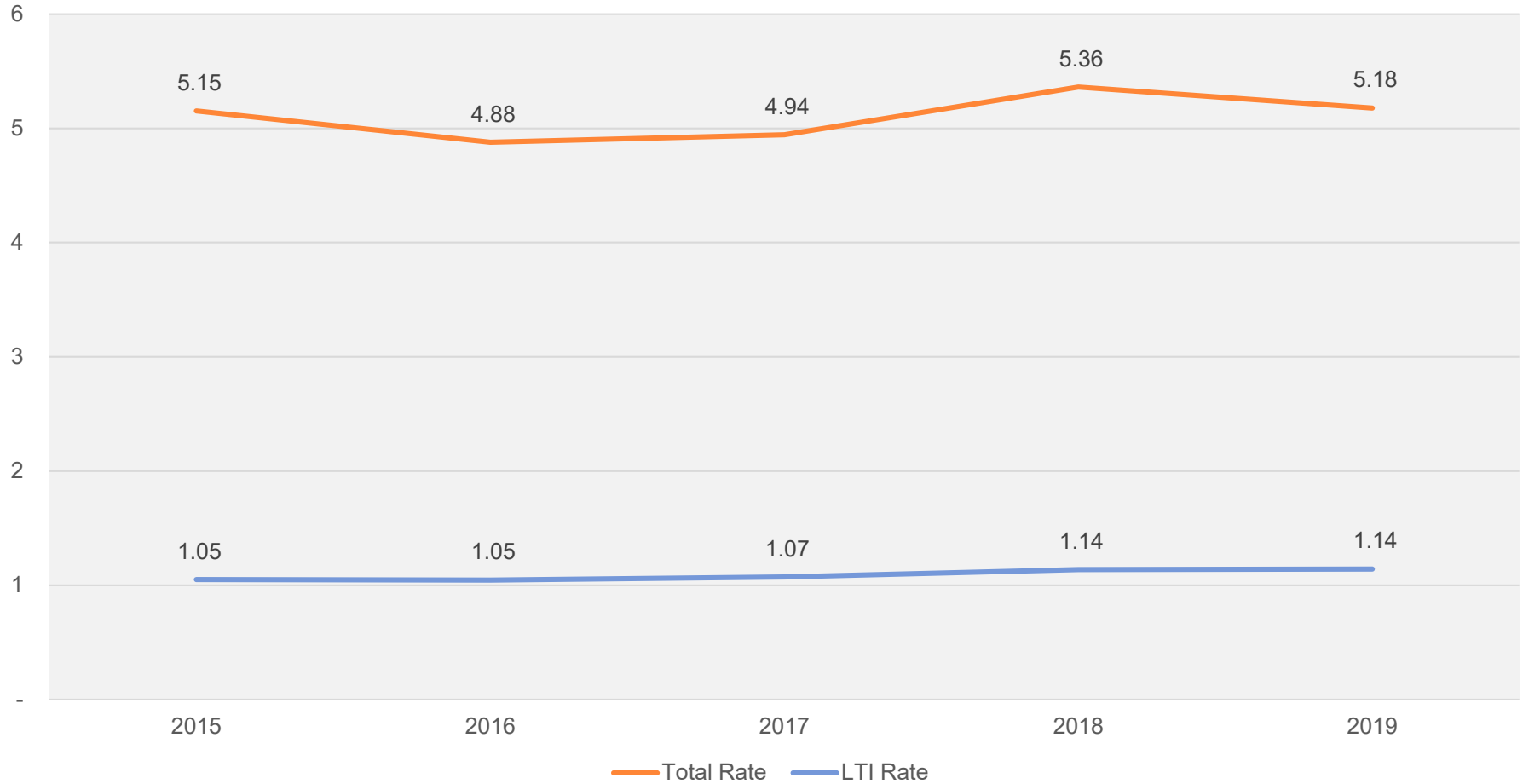
High Impact Lost-time Injury Profile
Rate Group 707

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2015	124	0.19	44	0.07	68	0.11	227	0.35
2016	117	0.17	44	0.06	83	0.12	250	0.36
2017	114	0.15	49	0.07	73	0.10	233	0.32
2018	119	0.18	41	0.06	77	0.11	238	0.35
2019	135	0.19	38	0.05	84	0.12	238	0.34

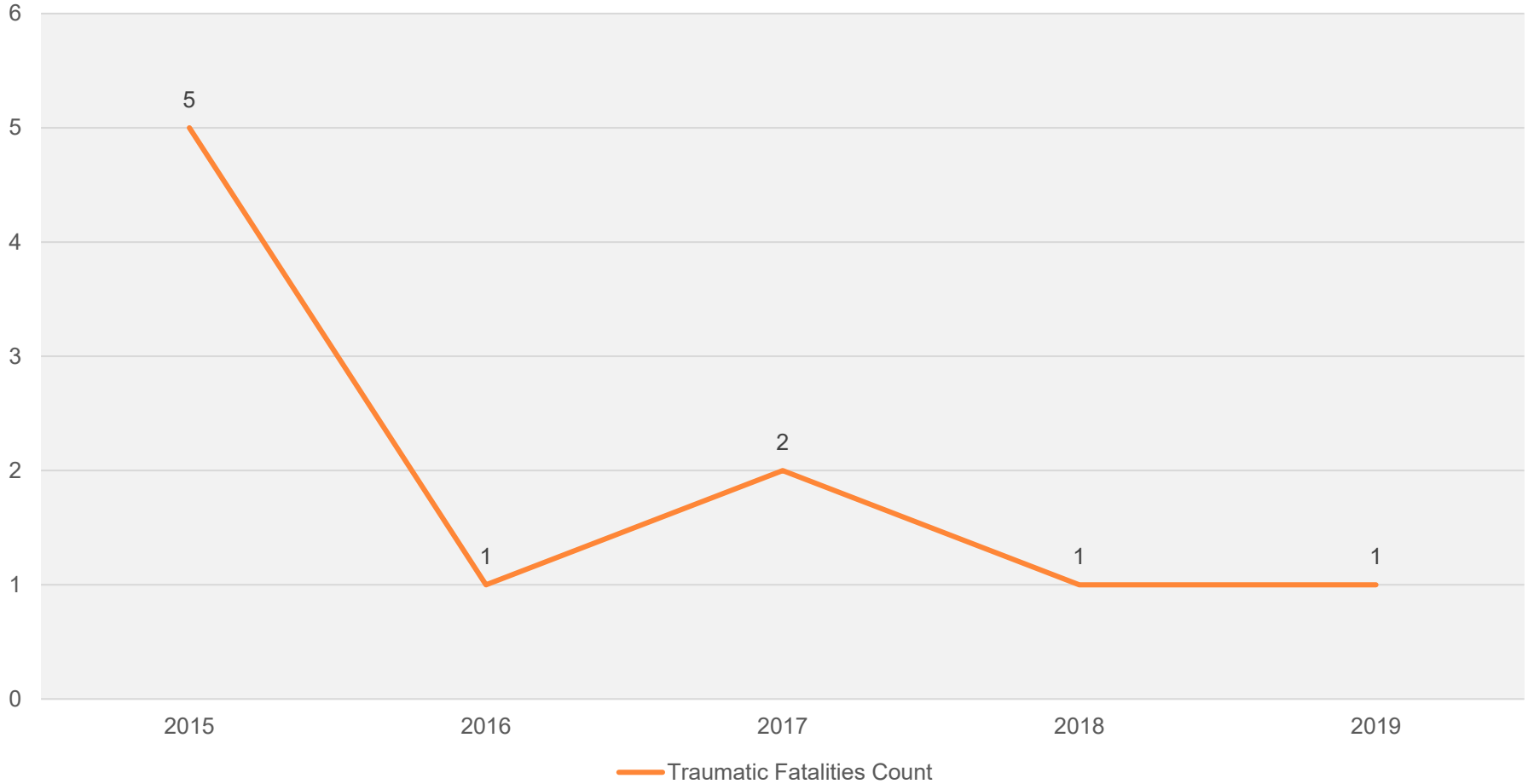
Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTI Count and Rate for 2015-2019 based on March 2020 snapshot



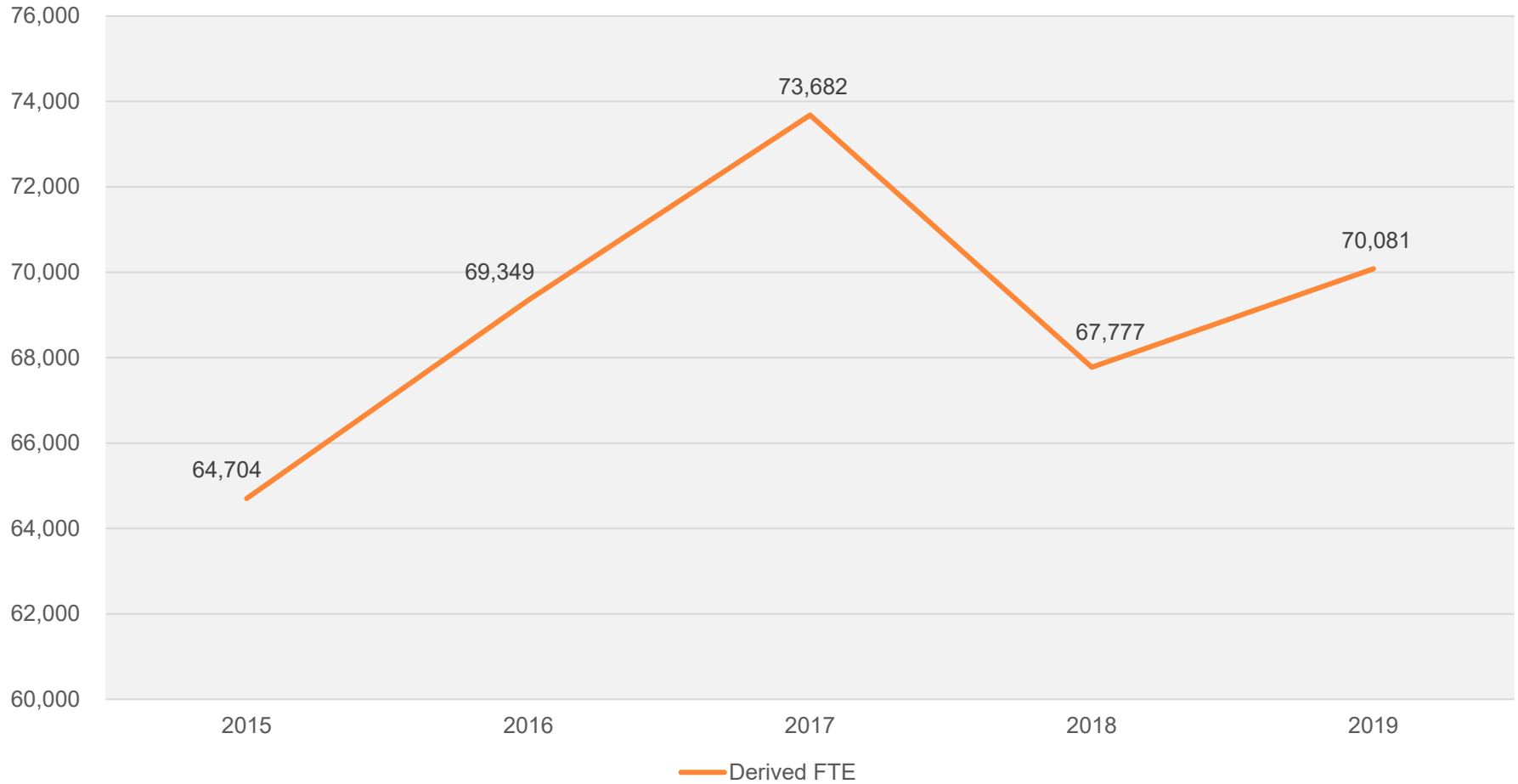
Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTI Rate and Total Rate for 2015-2019 based on March 2020 snapshot



Rate Group 707 - MECHANICAL AND SHEET METAL WORK Traumatic Fatalities for 2015-2019 based on March 2020 snapshot



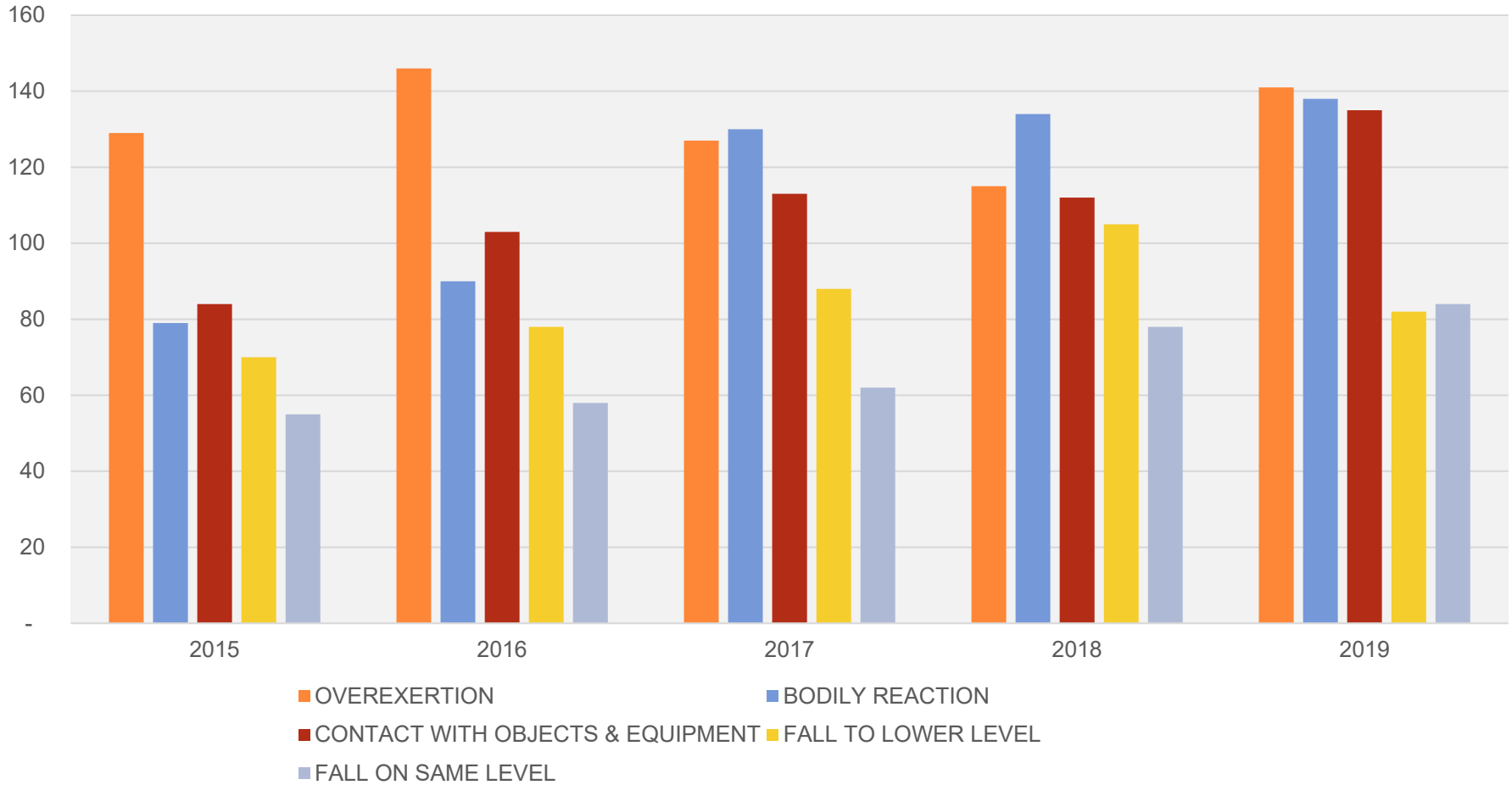
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Derived FTE for 2015-2019 based on March 2020 snapshot



**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
2015	129	18.9%	79	11.5%	84	12.3%	70	10.2%	55	8.0%	417	61.0%
2016	146	20.0%	90	12.3%	103	14.1%	78	10.7%	58	7.9%	475	65.1%
2017	127	16.0%	130	16.3%	113	14.2%	88	11.1%	62	7.8%	520	65.3%
2018	115	14.8%	134	17.3%	112	14.4%	105	13.5%	78	10.1%	544	70.1%
2019	141	17.6%	138	17.2%	135	16.8%	82	10.2%	84	10.5%	580	72.3%

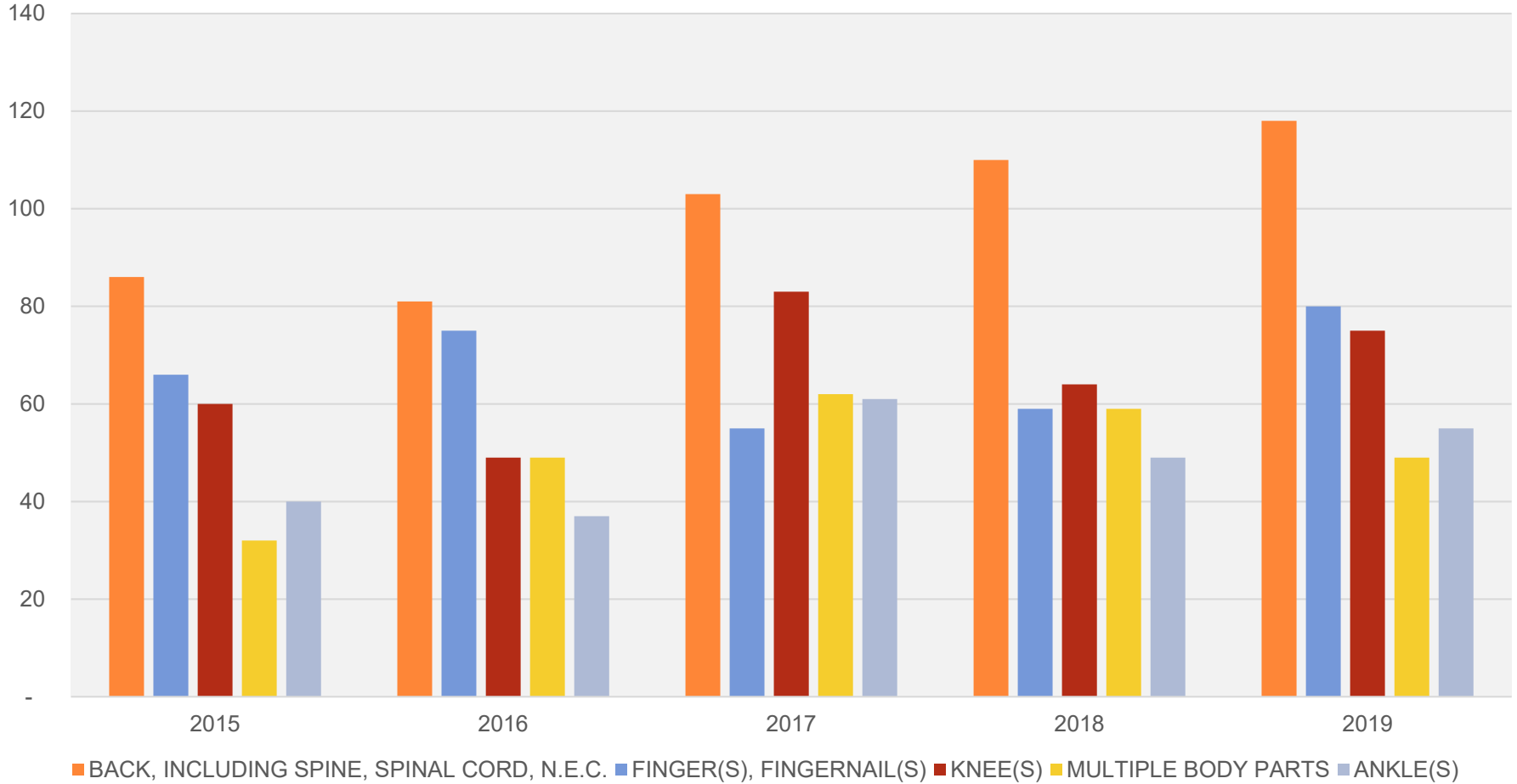
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Incident Types for 2015-2019 based on March 2020 snapshot



**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
2015	86	12.6%	66	9.6%	60	8.8%	32	4.7%	40	5.8%	284	41.5%
2016	81	11.1%	75	10.3%	49	6.7%	49	6.7%	37	5.1%	291	39.9%
2017	103	12.9%	55	6.9%	83	10.4%	62	7.8%	61	7.7%	364	45.7%
2018	110	14.2%	59	7.6%	64	8.2%	59	7.6%	49	6.3%	341	43.9%
2019	118	14.7%	80	10.0%	75	9.4%	49	6.1%	55	6.9%	377	47.0%

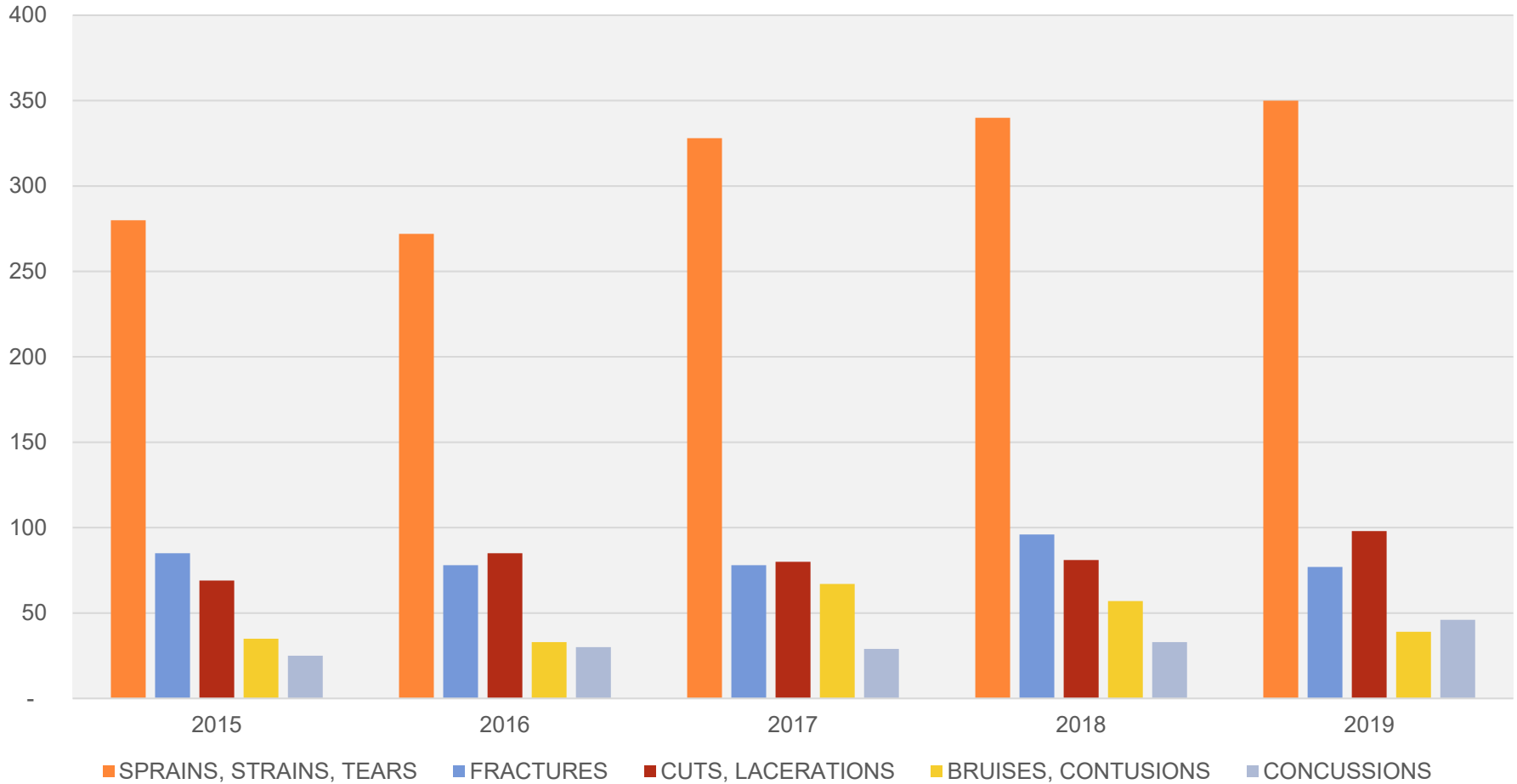
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Parts of Body Injured for 2015-2019 based on March 2020 snapshot



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

Year	SPRAINS, STRAINS, TEARS		FRACTURES		CUTS, LACERATIONS		BRUISES, CONTUSIONS		CONCUSSIONS		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	280	40.9%	85	12.4%	69	10.1%	35	5.1%	25	3.7%	494	72.2%
2016	272	37.3%	78	10.7%	85	11.6%	33	4.5%	30	4.1%	498	68.2%
2017	328	41.2%	78	9.8%	80	10.1%	67	8.4%	29	3.6%	582	73.1%
2018	340	43.8%	96	12.4%	81	10.4%	57	7.3%	33	4.3%	607	78.2%
2019	350	43.6%	77	9.6%	98	12.2%	39	4.9%	46	5.7%	610	76.1%

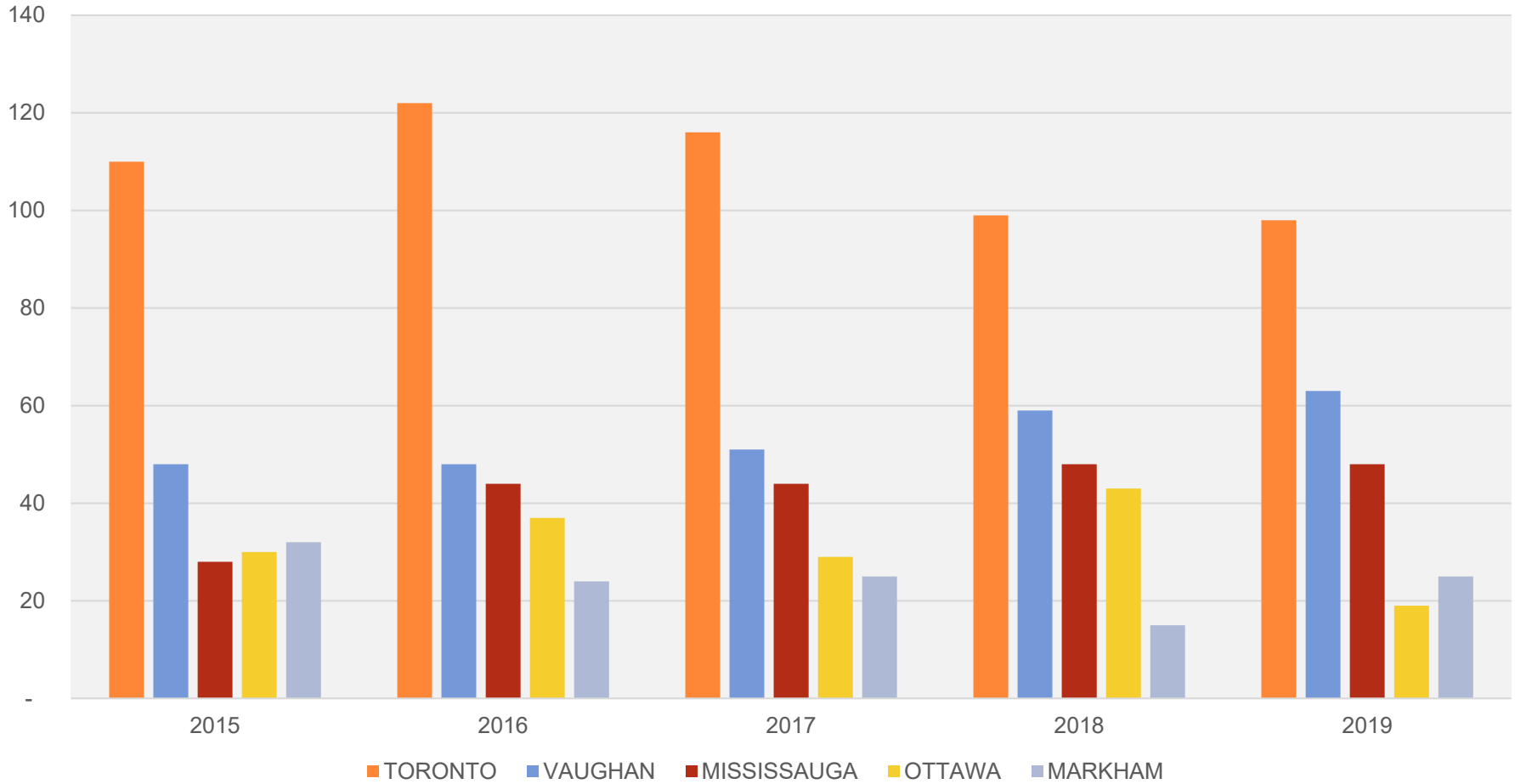
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Nature of Injury Categories for 2015-2019 based on March 2020 snapshot



**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
2015	110	16.1%	48	7.0%	28	4.1%	30	4.4%	32	4.7%	248	36.3%
2016	122	16.7%	48	6.6%	44	6.0%	37	5.1%	24	3.3%	275	37.7%
2017	116	14.6%	51	6.4%	44	5.5%	29	3.6%	25	3.1%	265	33.3%
2018	99	12.8%	59	7.6%	48	6.2%	43	5.5%	15	1.9%	264	34.0%
2019	98	12.2%	63	7.9%	48	6.0%	19	2.4%	25	3.1%	253	31.5%

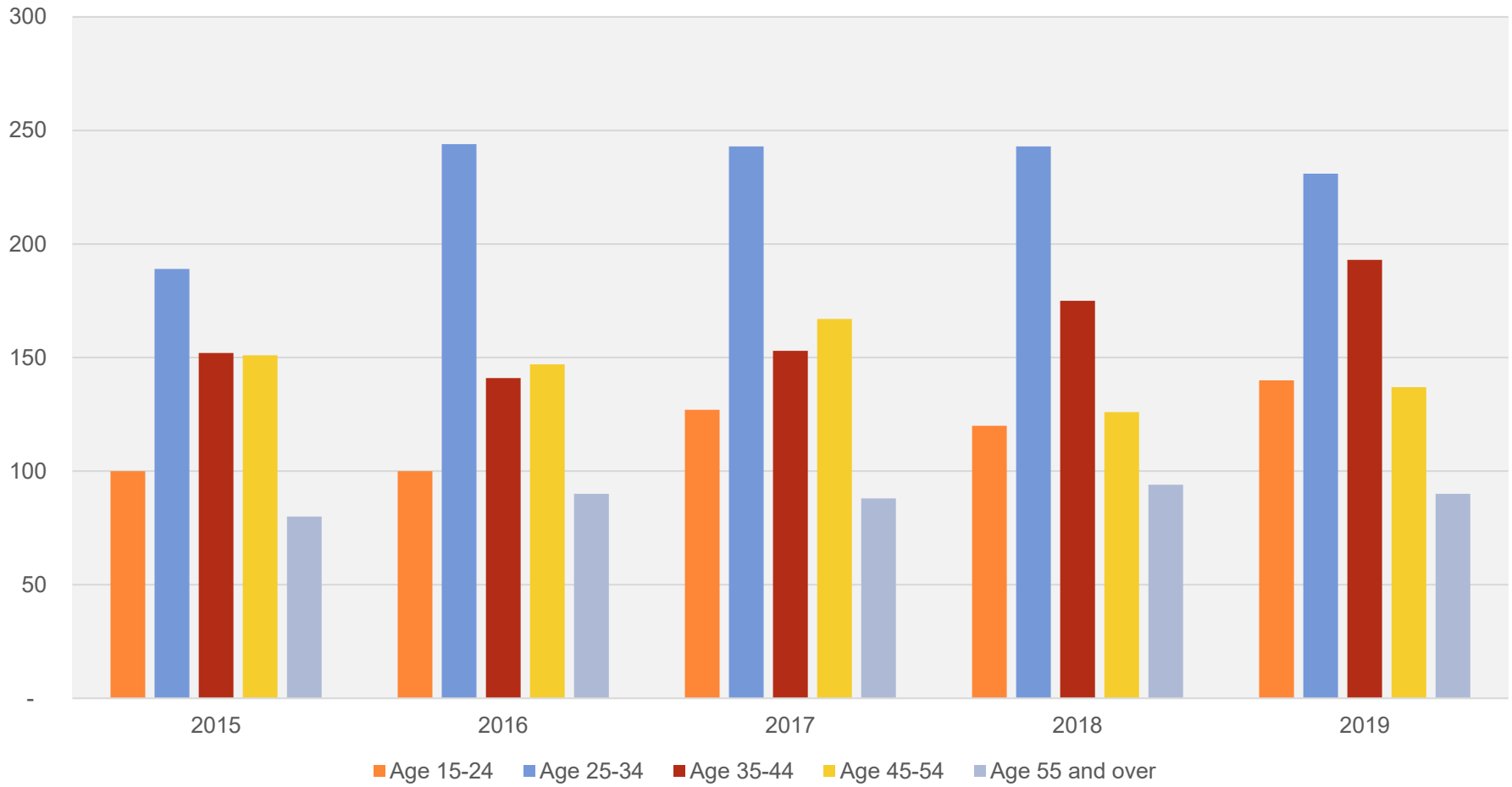
Rate Group 707 - MECHANICAL AND SHEET METAL WORK Top 5 Incident Places for 2015-2019 based on March 2020 snapshot



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
2015	-	0.0%	100	14.6%	189	27.6%	152	22.2%	151	22.1%	80	11.7%	-	0.0%
2016	-	0.0%	100	13.7%	244	33.4%	141	19.3%	147	20.1%	90	12.3%	-	0.0%
2017	-	0.0%	127	16.0%	243	30.5%	153	19.2%	167	21.0%	88	11.1%	-	0.0%
2018	-	0.0%	120	15.5%	243	31.3%	175	22.6%	126	16.2%	94	12.1%	-	0.0%
2019	-	0.0%	140	17.5%	231	28.8%	193	24.1%	137	17.1%	90	11.2%	-	0.0%

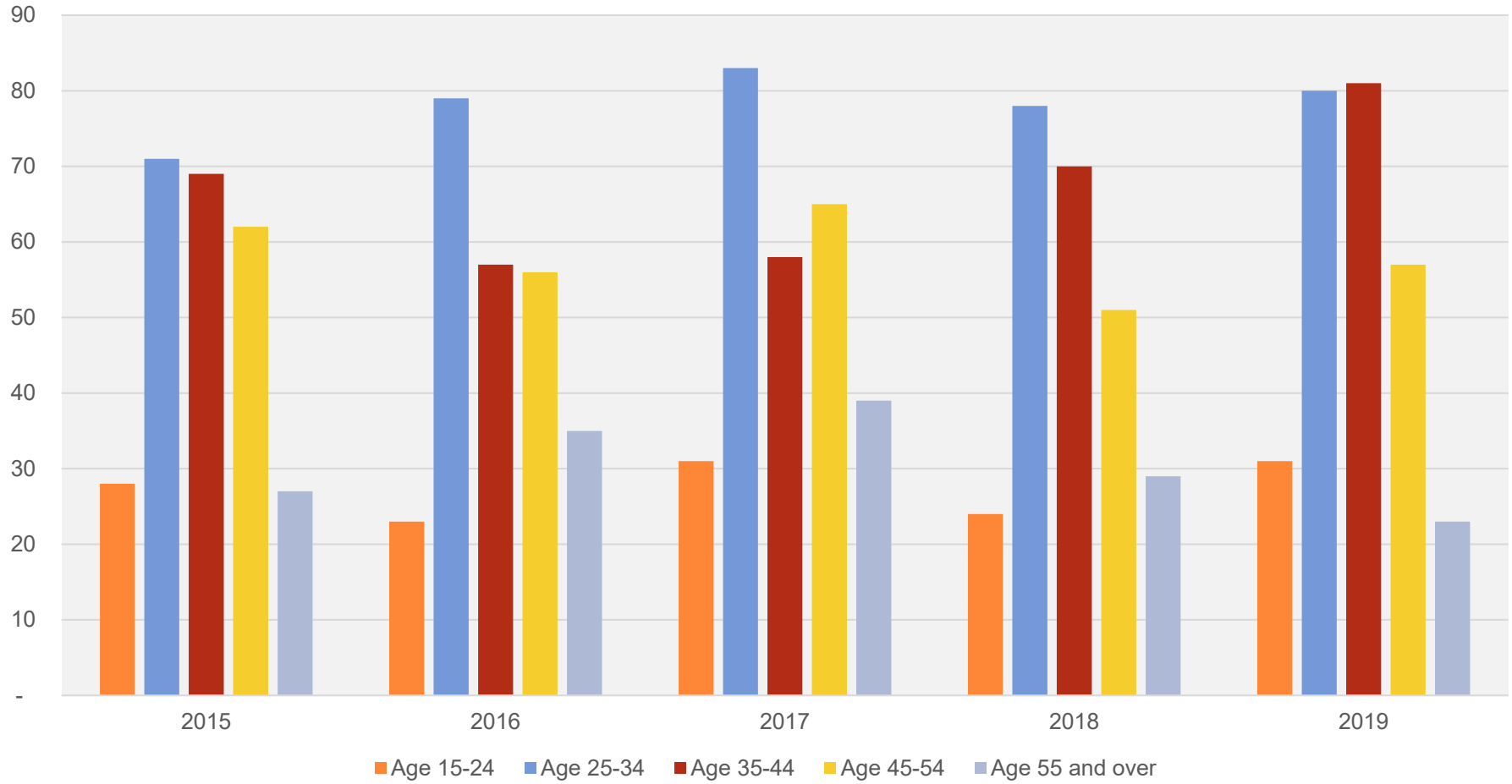
Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTIs by Age Band for 2015-2019 based on March 2020 snapshot



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
2015	-	0.0%	28	10.8%	71	27.3%	69	26.5%	62	23.8%	27	10.4%	-	0.0%
2016	-	0.0%	23	9.2%	79	31.5%	57	22.7%	56	22.3%	35	13.9%	-	0.0%
2017	-	0.0%	31	11.0%	83	29.3%	58	20.5%	65	23.0%	39	13.8%	-	0.0%
2018	-	0.0%	24	9.3%	78	30.1%	70	27.0%	51	19.7%	29	11.2%	-	0.0%
2019	-	0.0%	31	11.3%	80	29.1%	81	29.5%	57	20.7%	23	8.4%	-	0.0%

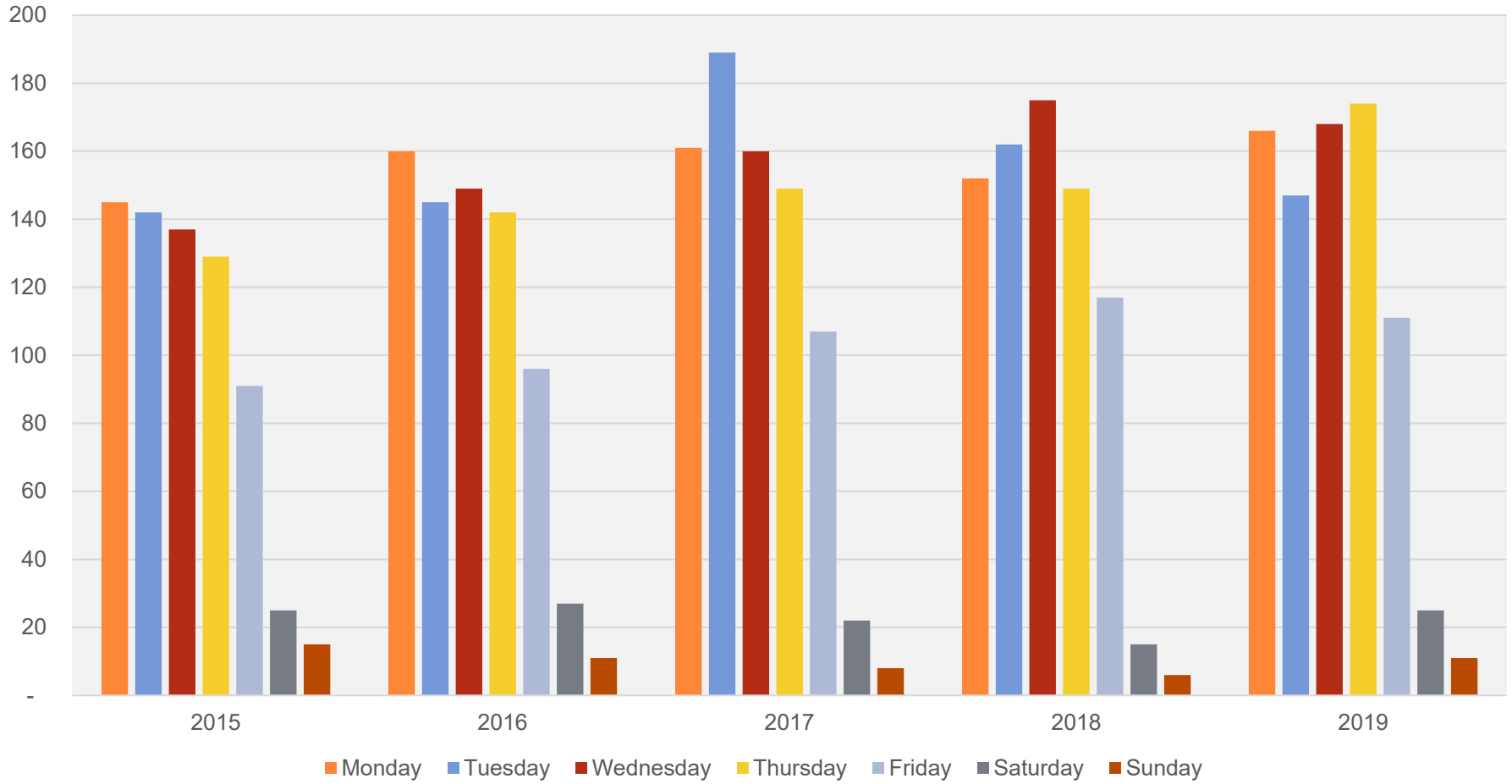
Rate Group 707 - MECHANICAL AND SHEET METAL WORK MSD by Age Band for for 2015-2019 based on March 2020 snapshot



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
2015	145	21.2%	142	20.8%	137	20.0%	129	18.9%	91	13.3%	25	3.7%	15	2.2%
2016	160	21.9%	145	19.9%	149	20.4%	142	19.5%	96	13.2%	27	3.7%	11	1.5%
2017	161	20.2%	189	23.7%	160	20.1%	149	18.7%	107	13.4%	22	2.8%	8	1.0%
2018	152	19.6%	162	20.9%	175	22.6%	149	19.2%	117	15.1%	15	1.9%	6	0.8%
2019	166	20.7%	147	18.3%	168	20.9%	174	21.7%	111	13.8%	25	3.1%	11	1.4%

Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTIs by Day of Week for 2015-2019 based on March 2020 snapshot



LTI Breakdown By Month
Rate Group 707

Month	2015		2016		2017		2018		2019	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	50	7.3%	66	9.0%	59	7.4%	79	10.2%	95	11.8%
February	54	7.9%	57	7.8%	53	6.7%	47	6.1%	71	8.9%
March	62	9.1%	45	6.2%	71	8.9%	44	5.7%	66	8.2%
April	51	7.5%	50	6.8%	56	7.0%	52	6.7%	62	7.7%
May	50	7.3%	56	7.7%	55	6.9%	75	9.7%	46	5.7%
June	68	9.9%	66	9.0%	70	8.8%	76	9.8%	55	6.9%
July	72	10.5%	60	8.2%	73	9.2%	89	11.5%	69	8.6%
August	54	7.9%	63	8.6%	68	8.5%	70	9.0%	67	8.4%
September	56	8.2%	71	9.7%	74	9.3%	63	8.1%	62	7.7%
October	60	8.8%	58	7.9%	77	9.7%	65	8.4%	77	9.6%
November	61	8.9%	73	10.0%	83	10.4%	71	9.1%	80	10.0%
December	46	6.7%	65	8.9%	57	7.2%	45	5.8%	52	6.5%

Rate Group 707 - MECHANICAL AND SHEET METAL WORK LTIs by Month for 2015-2019 based on March 2020 snapshot

