

Rate Group 704 – Electrical & Incidental Construction Services

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 704				
		2018	2017	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)		4.49	4.25	5.7%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)		2,538	2,424	4.7%
Traumatic Fatalities Count	Allowed	2	0	-
	Pending	0	0	-
LTI Rate		0.88	0.88	0.3%
LTI Count		498	501	-0.6%
NLTI Count		2,038	1,923	6.0%
FTE		56,533	57,057	-0.9%

Lost Time Injury Profile. Rate Group 704						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	157	0.28	168	0.29	-6.5%	-5.7%
Falls	132	0.23	136	0.24	-2.9%	-2.0%
Machinery	10	0.02	10	0.02	0.0%	0.9%
MVIs	12	0.02	3	0.01	300.0%	303.7%
Critical Injuries	62	0.11	48	0.08	29.2%	30.4%
New Worker	32	0.06	36	0.06	-11.1%	-10.3%
Young Worker	76	0.13	88	0.15	-13.6%	-12.8%

High Impact Claims. Rate Group 704						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	68	0.12	73	0.13	-6.8%	-6.0%
Shoulder	30	0.05	31	0.05	-3.2%	-2.3%
Fractures	67	0.12	66	0.12	1.5%	2.5%
Total HI Claims	165	0.29	170	0.30	-2.9%	-2.0%

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 704 – Electrical & Incidental Construction Services

Member Injury Performance Analysis for 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 704								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2014	452	0.88	0	2,072	4.03	2,524	4.91	51,401
2015	451	0.87	2	1,897	3.65	2,350	4.52	52,022
2016	418	0.79	4	1,812	3.41	2,234	4.20	53,164
2017	501	0.88	0	1,923	3.37	2,424	4.25	57,057
2018	498	0.88	2	2,038	3.61	2,538	4.49	56,533

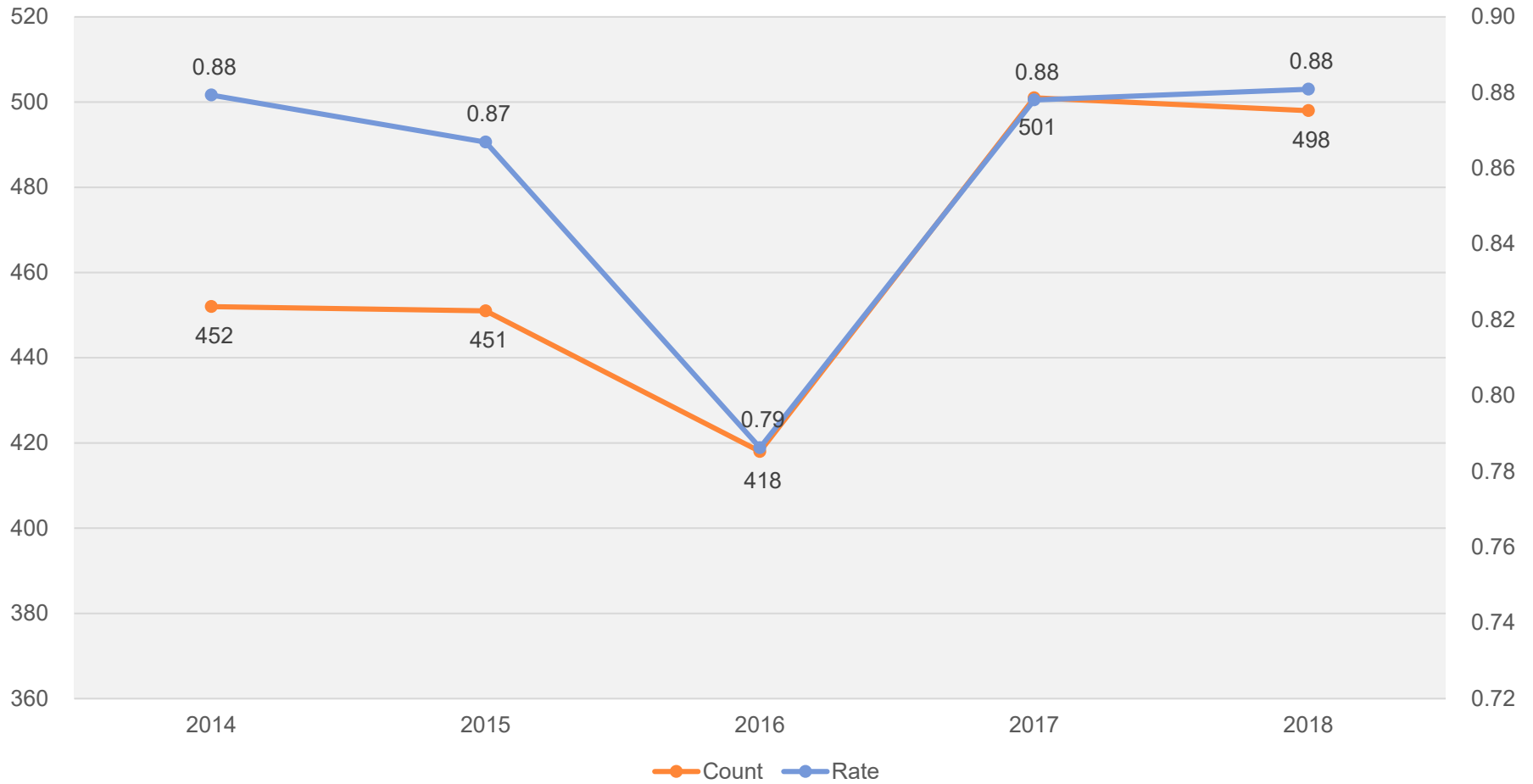
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

Lost-time Injury Profile Rate Group 704														
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	172	0.33	123	0.24	6	0.01	11	0.02	34	0.07	35	0.07	60	0.12
2015	162	0.31	109	0.21	10	0.02	9	0.02	44	0.08	28	0.05	71	0.14
2016	149	0.28	90	0.17	3	0.01	15	0.03	35	0.07	27	0.05	57	0.11
2017	168	0.29	136	0.24	10	0.02	3	0.01	48	0.08	36	0.06	88	0.15
2018	157	0.28	132	0.23	10	0.02	12	0.02	62	0.11	32	0.06	76	0.13

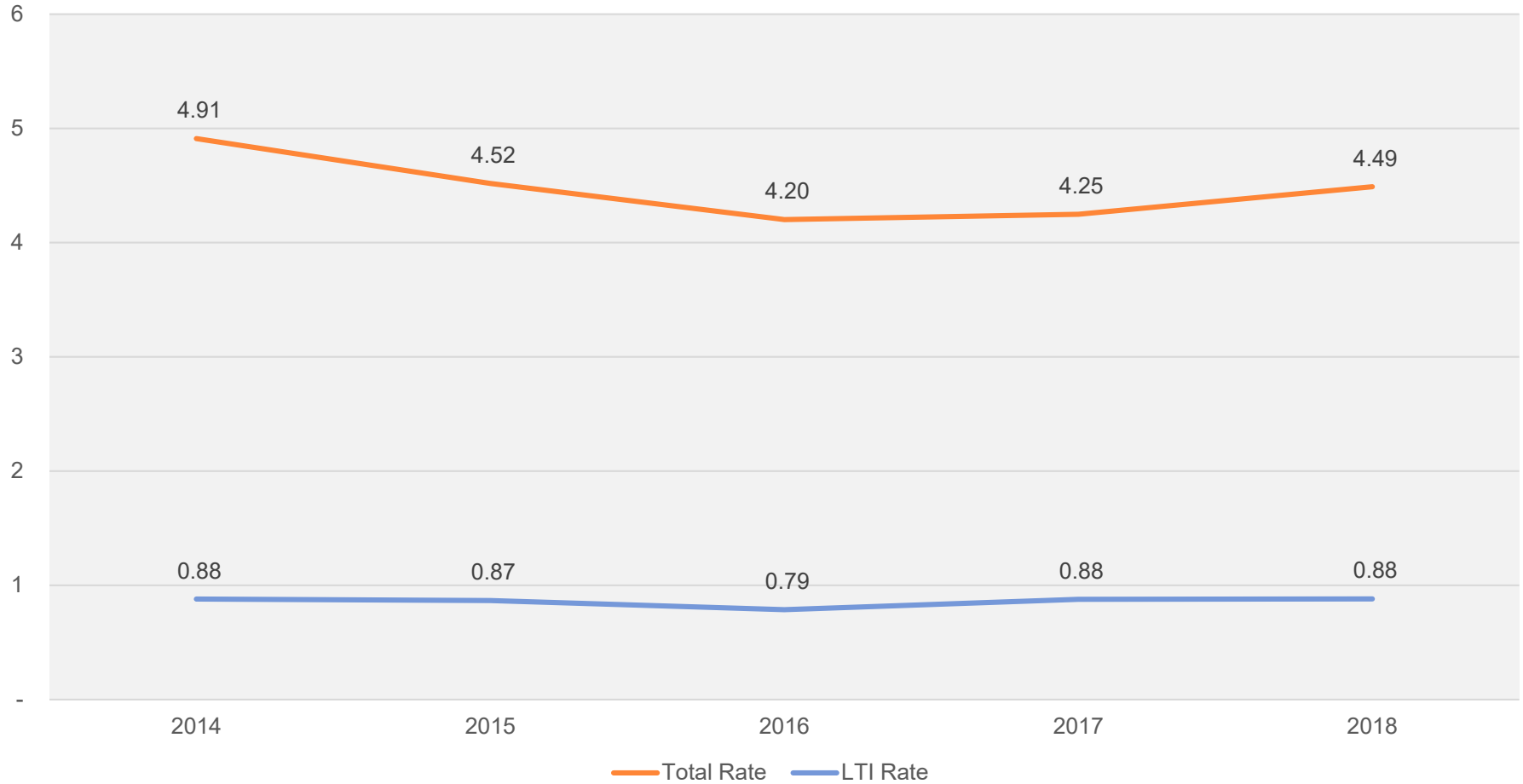
High Impact Lost-time Injury Profile
Rate Group 704

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	86	0.17	34	0.07	47	0.09	167	0.32
2015	84	0.16	34	0.07	64	0.12	182	0.35
2016	56	0.11	27	0.05	44	0.08	127	0.24
2017	73	0.13	31	0.05	66	0.12	170	0.30
2018	68	0.12	30	0.05	67	0.12	165	0.29

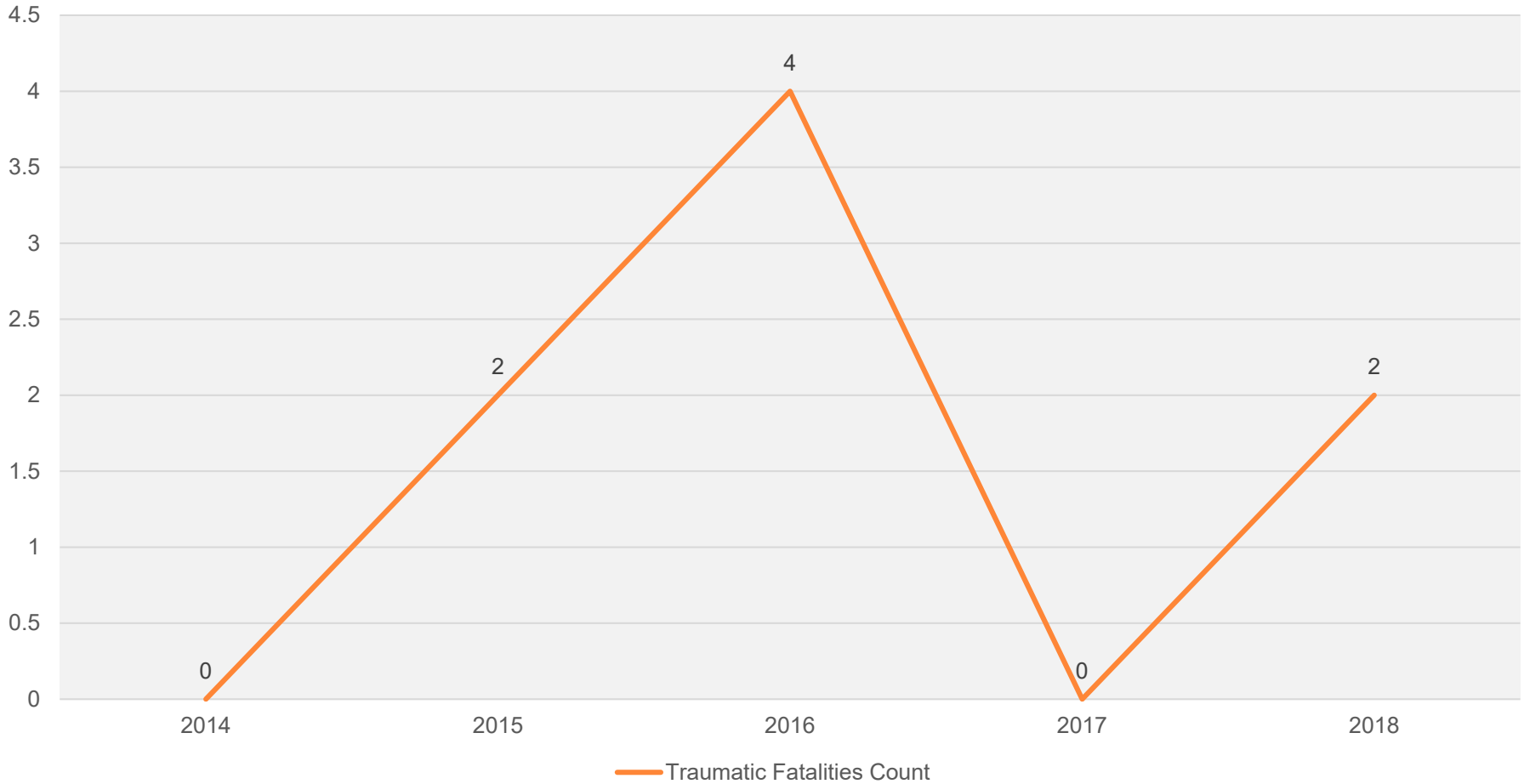
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTI Count and Rate for 2014-2018 based on March 2019 snapshot



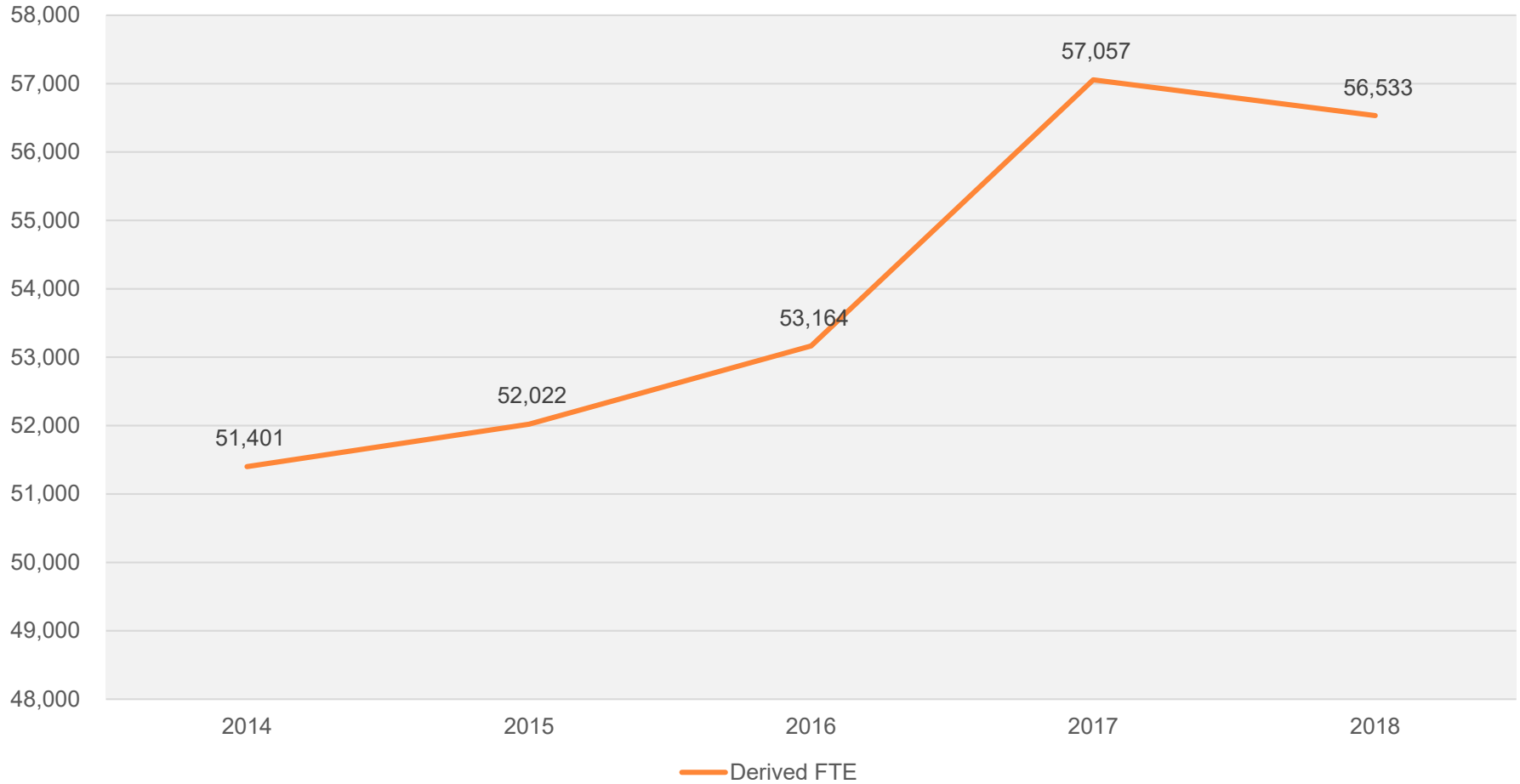
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



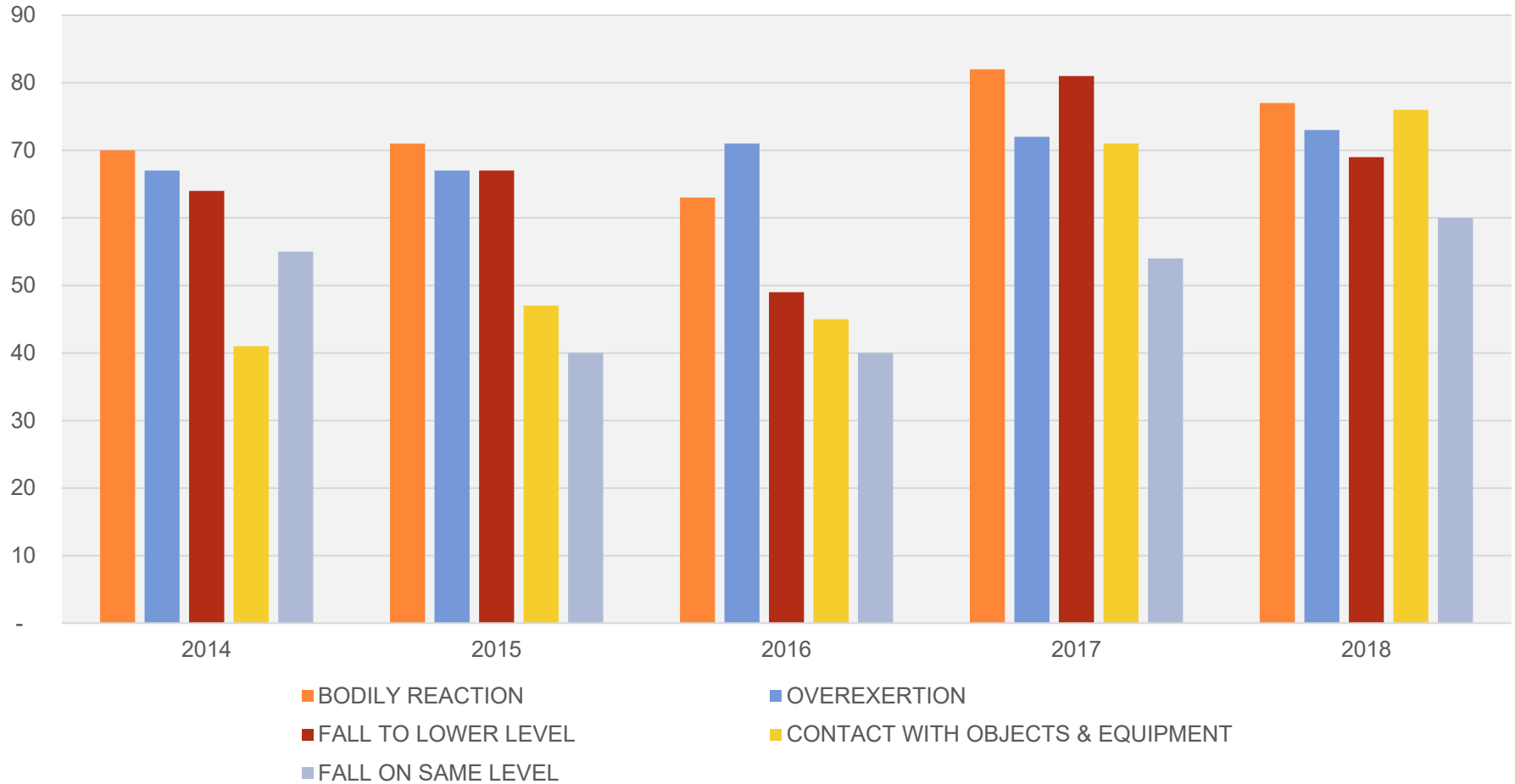
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Derived FTE for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Types
Rate Group 704**

Year	BODILY REACTION		OVEREXERTION		FALL TO LOWER LEVEL		CONTACT WITH OBJECTS & EQUIPMENT		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	70	15.5%	67	14.8%	64	14.2%	41	9.1%	55	12.2%	297	65.7%
2015	71	15.7%	67	14.9%	67	14.9%	47	10.4%	40	8.9%	292	64.7%
2016	63	15.1%	71	17.0%	49	11.7%	45	10.8%	40	9.6%	268	64.1%
2017	82	16.4%	72	14.4%	81	16.2%	71	14.2%	54	10.8%	360	71.9%
2018	77	15.5%	73	14.7%	69	13.9%	76	15.3%	60	12.0%	355	71.3%

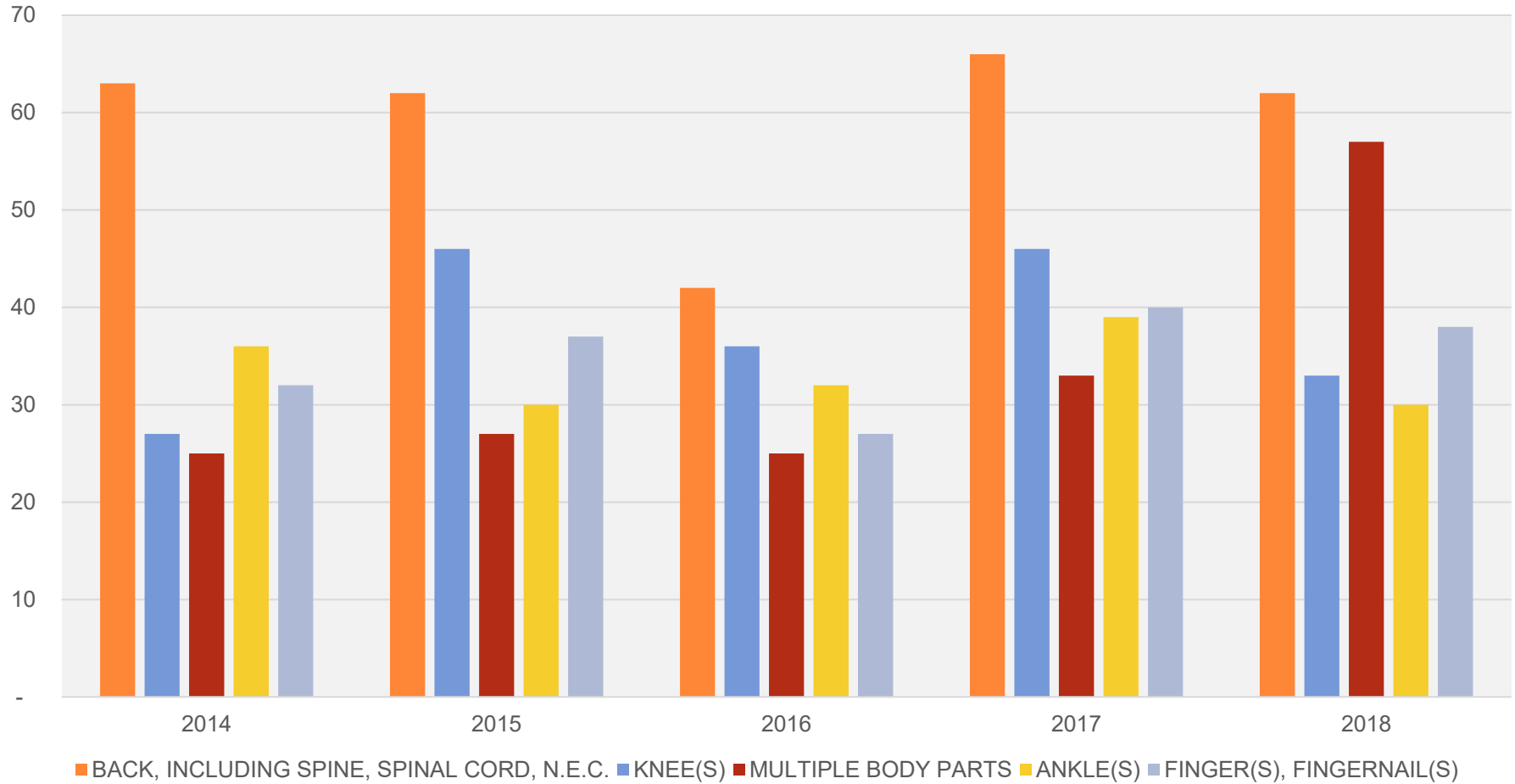
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Top 5 Incident Types for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Parts of Body Injured
Rate Group 704**

Year	BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		KNEE(S)		MULTIPLE BODY PARTS		ANKLE(S)		FINGER(S), FINGERNAIL(S)		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	63	13.9%	27	6.0%	25	5.5%	36	8.0%	32	7.1%	183	40.5%
2015	62	13.7%	46	10.2%	27	6.0%	30	6.7%	37	8.2%	202	44.8%
2016	42	10.0%	36	8.6%	25	6.0%	32	7.7%	27	6.5%	162	38.8%
2017	66	13.2%	46	9.2%	33	6.6%	39	7.8%	40	8.0%	224	44.7%
2018	62	12.4%	33	6.6%	57	11.4%	30	6.0%	38	7.6%	220	44.2%

Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot

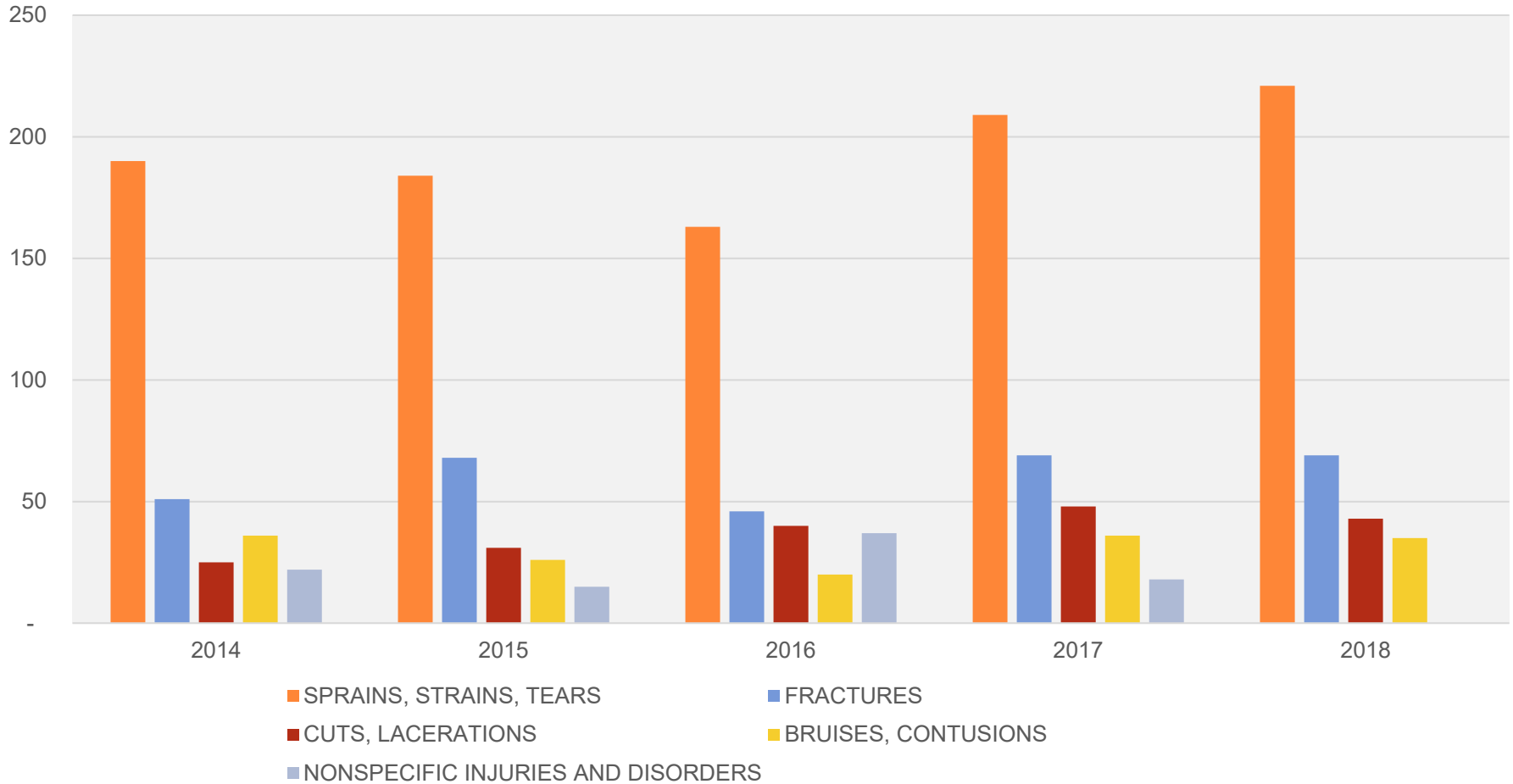


**Top 5 Most Common Nature of Injury Categories
Rate Group 704**

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	190	42.0%	51	11.3%	25	5.5%	36	8.0%	22	4.9%	324	71.7%
2015	184	40.8%	68	15.1%	31	6.9%	26	5.8%	15	3.3%	324	71.8%
2016	163	39.0%	46	11.0%	40	9.6%	20	4.8%	37	8.9%	306	73.2%
2017	209	41.7%	69	13.8%	48	9.6%	36	7.2%	18	3.6%	380	75.8%
2018	221	44.4%	69	13.9%	43	8.6%	35	7.0%	-	0.0%	368	73.9%

Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES

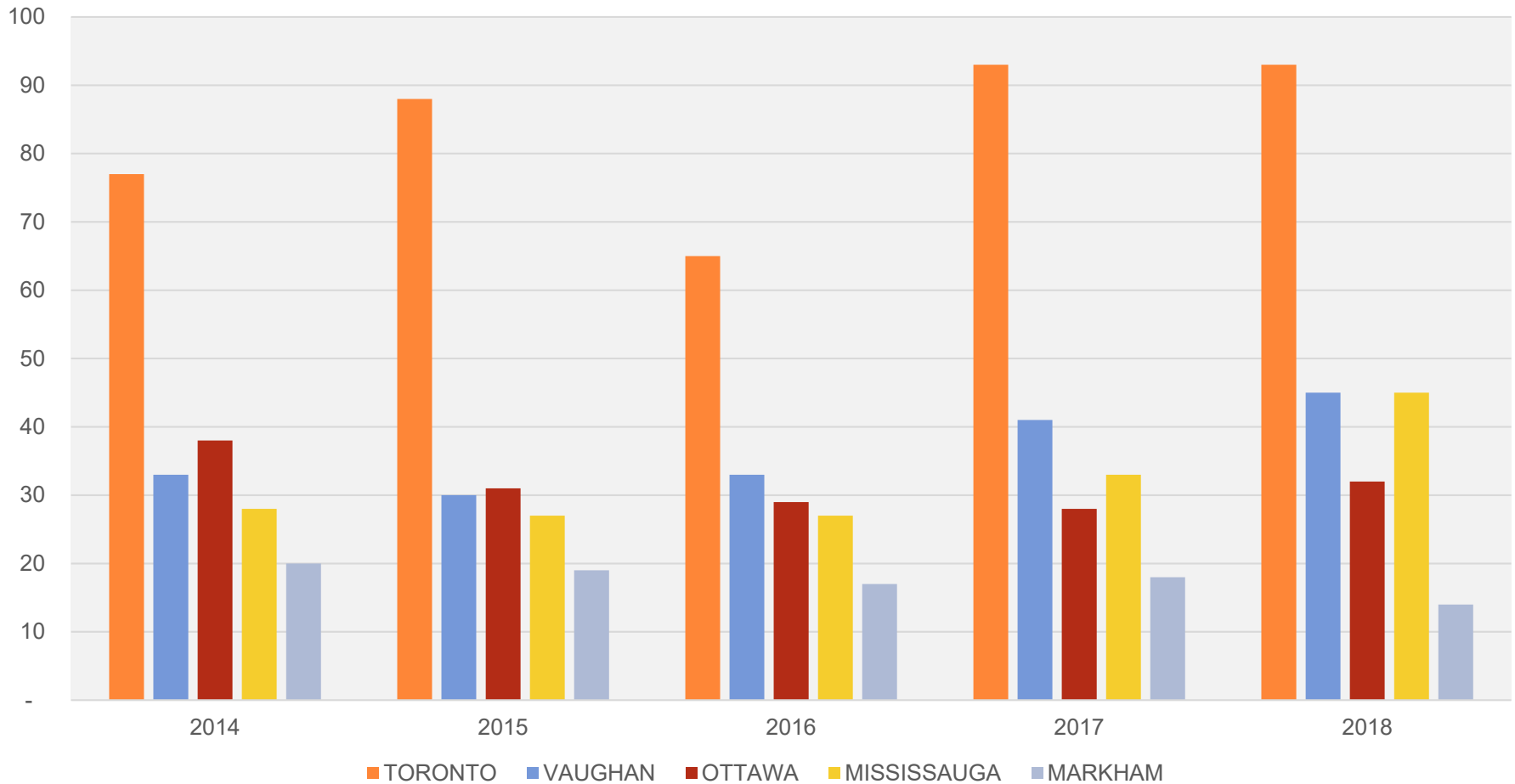
Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Places
Rate Group 704**

Year	TORONTO		VAUGHAN		OTTAWA		MISSISSAUGA		MARKHAM		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	77	17.0%	33	7.3%	38	8.4%	28	6.2%	20	4.4%	196	43.4%
2015	88	19.5%	30	6.7%	31	6.9%	27	6.0%	19	4.2%	195	43.2%
2016	65	15.6%	33	7.9%	29	6.9%	27	6.5%	17	4.1%	171	40.9%
2017	93	18.6%	41	8.2%	28	5.6%	33	6.6%	18	3.6%	213	42.5%
2018	93	18.7%	45	9.0%	32	6.4%	45	9.0%	14	2.8%	229	46.0%

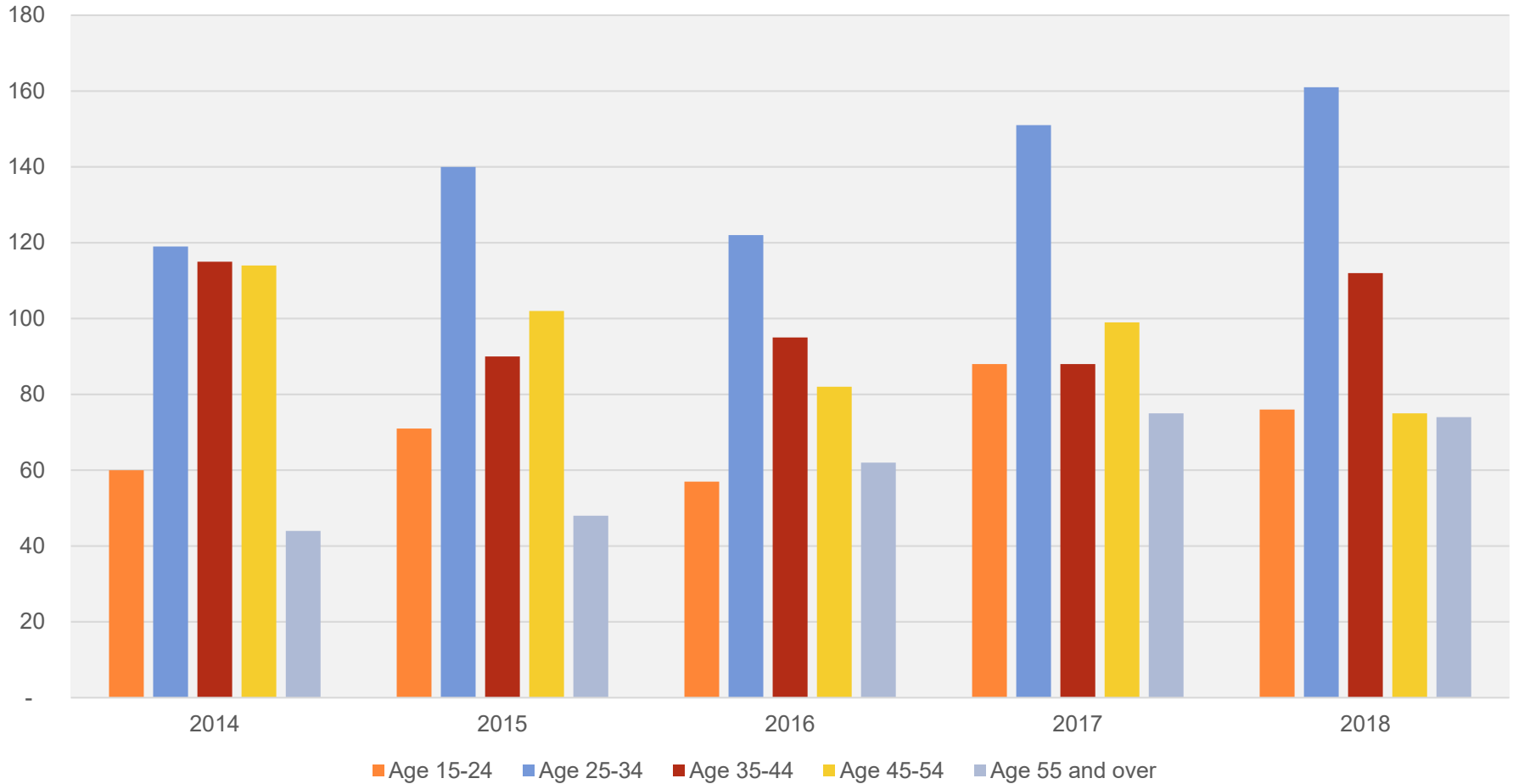
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



Age Band Breakdown
Rate Group 704

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%	60	13.3%	119	26.3%	115	25.4%	114	25.2%	44	9.7%	-	0.0%
2015	-	0.0%	71	15.7%	140	31.0%	90	20.0%	102	22.6%	48	10.6%	-	0.0%
2016	-	0.0%	57	13.6%	122	29.2%	95	22.7%	82	19.6%	62	14.8%	-	0.0%
2017	-	0.0%	88	17.6%	151	30.1%	88	17.6%	99	19.8%	75	15.0%	-	0.0%
2018	-	0.0%	76	15.3%	161	32.3%	112	22.5%	75	15.1%	74	14.9%	-	0.0%

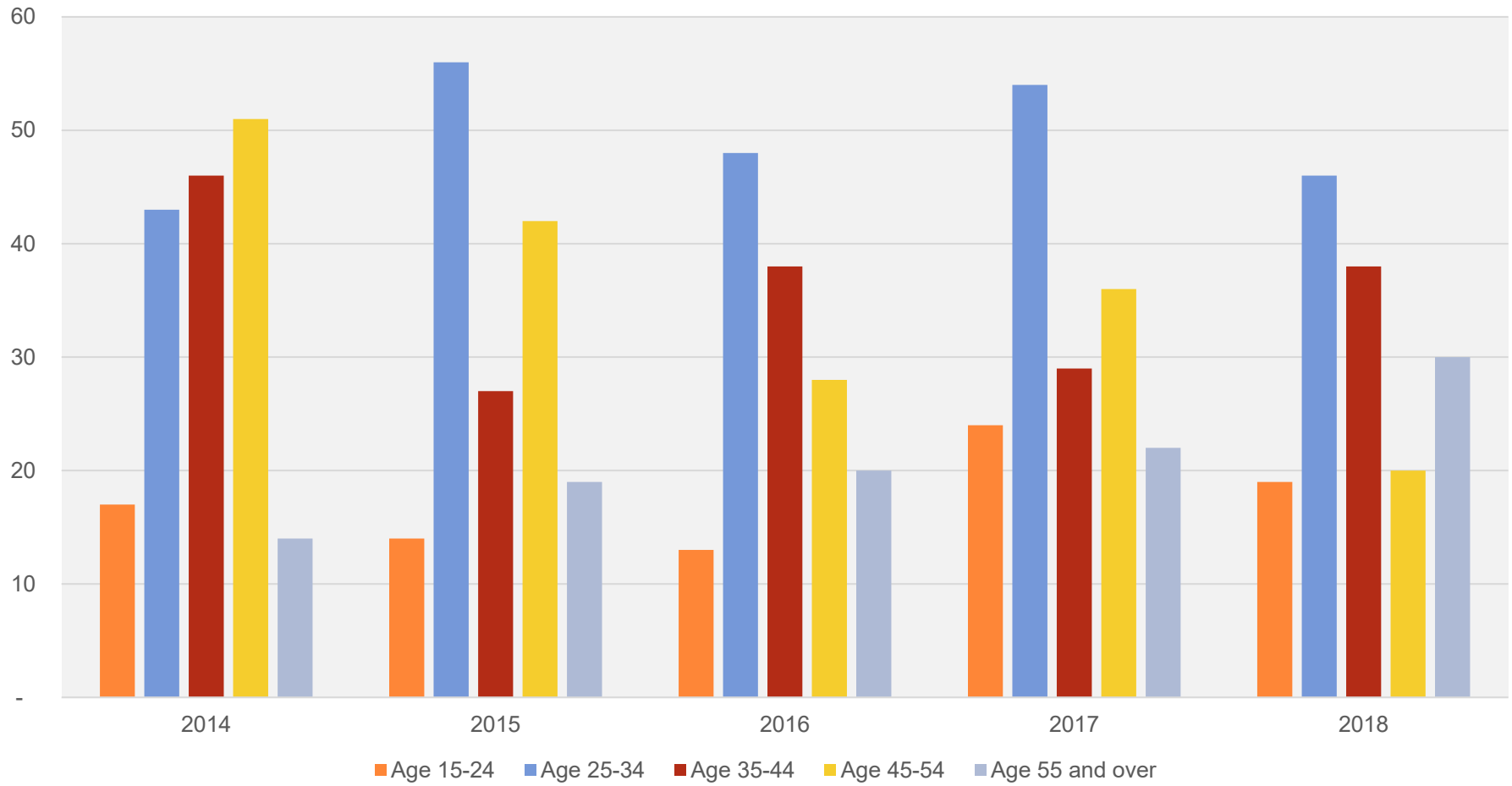
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTIs by Age Band for 2014-2018 based on March 2019 snapshot



MSD Breakdown by Age Band
Rate Group 704

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%	17	9.9%	43	25.1%	46	26.9%	51	29.8%	14	8.2%	-	0.0%
2015	-	0.0%	14	8.9%	56	35.4%	27	17.1%	42	26.6%	19	12.0%	-	0.0%
2016	-	0.0%	13	8.8%	48	32.7%	38	25.9%	28	19.0%	20	13.6%	-	0.0%
2017	-	0.0%	24	14.5%	54	32.7%	29	17.6%	36	21.8%	22	13.3%	-	0.0%
2018	-	0.0%	19	12.4%	46	30.1%	38	24.8%	20	13.1%	30	19.6%	-	0.0%

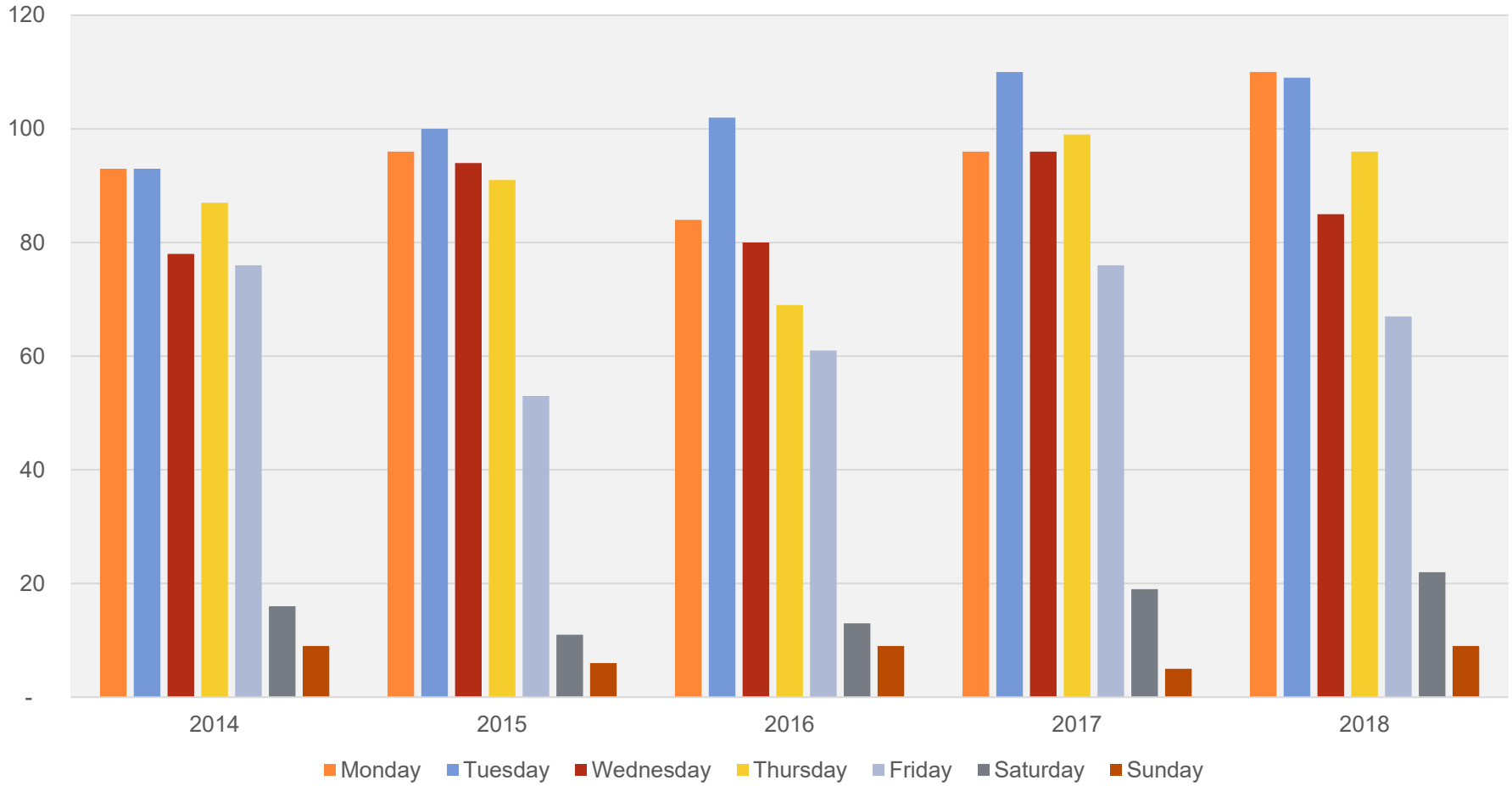
Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES MSD by Age Band for for 2014-2018 based on March 2019 snapshot



LTI Breakdown by Day of Week
Rate Group 704

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	93	20.6%	93	20.6%	78	17.3%	87	19.2%	76	16.8%	16	3.5%	9	2.0%
2015	96	21.3%	100	22.2%	94	20.8%	91	20.2%	53	11.8%	11	2.4%	6	1.3%
2016	84	20.1%	102	24.4%	80	19.1%	69	16.5%	61	14.6%	13	3.1%	9	2.2%
2017	96	19.2%	110	22.0%	96	19.2%	99	19.8%	76	15.2%	19	3.8%	5	1.0%
2018	110	22.1%	109	21.9%	85	17.1%	96	19.3%	67	13.5%	22	4.4%	9	1.8%

Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 704

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	41	9.1%	41	9.1%	39	9.3%	53	10.6%	49	9.8%
February	45	10.0%	33	7.3%	47	11.2%	34	6.8%	37	7.4%
March	27	6.0%	38	8.4%	44	10.5%	45	9.0%	32	6.4%
April	21	4.6%	48	10.6%	28	6.7%	35	7.0%	29	5.8%
May	41	9.1%	32	7.1%	26	6.2%	36	7.2%	40	8.0%
June	27	6.0%	31	6.9%	27	6.5%	40	8.0%	55	11.0%
July	54	11.9%	38	8.4%	40	9.6%	40	8.0%	52	10.4%
August	39	8.6%	35	7.8%	30	7.2%	42	8.4%	38	7.6%
September	36	8.0%	37	8.2%	40	9.6%	36	7.2%	44	8.8%
October	47	10.4%	40	8.9%	24	5.7%	45	9.0%	43	8.6%
November	38	8.4%	44	9.8%	34	8.1%	51	10.2%	41	8.2%
December	36	8.0%	34	7.5%	39	9.3%	44	8.8%	38	7.6%

Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTIs by Month for 2014-2018 based on March 2019 snapshot

