

# Rate Group 704 – Electrical & Incidental Construction Services

## Member Firm Injury Performance

Based on the March 2020 Snapshot

Overall Injury Performance in Rate Group 704			
	2019	2018	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)	4.30	4.50	-4.4%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)	2,548	2,570	-0.9%
Traumatic Fatalities Count	Allowed	1	2
	Pending	0	0
LTI Rate	0.84	0.91	-7.3%
LTI Count	500	520	-3.8%
NLTI Count	2,047	2,048	0.0%
FTE	59,228	57,094	3.7%

Lost Time Injury Profile. Rate Group 704						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
<b>MSDs</b>	158	0.27	172	0.30	-8.1%	-11.4%
<b>Falls</b>	137	0.23	135	0.24	1.5%	-2.2%
<b>Machinery</b>	5	0.01	10	0.02	-50.0%	-51.8%
<b>MVIs</b>	13	0.02	13	0.02	0.0%	-3.6%
<b>Critical Injuries</b>	50	0.08	64	0.11	-21.9%	-24.7%
<b>New Worker</b>	32	0.05	36	0.06	-11.1%	-14.3%
<b>Young Worker</b>	94	0.16	77	0.13	22.1%	17.7%

High Impact Claims. Rate Group 704						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
<b>Lower Back</b>	75	0.13	72	0.13	4.2%	0.4%
<b>Shoulder</b>	15	0.03	34	0.06	-55.9%	-57.5%
<b>Fractures</b>	67	0.11	66	0.12	1.5%	-2.1%
<b>Total HI Claims</b>	75	0.13	72	0.13	4.2%	0.4%

## 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 2015-2019

Based on March 2020 Snapshot

Overall Injury Performance Rate Group 704									
Year	LTIs			Non LTIs		Total*		Derived FTE	
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate		
<b>2015</b>	451	0.87	2	1,899	3.66	2,352	4.53		51,932
<b>2016</b>	421	0.79	4	1,810	3.41	2,235	4.21		53,111
<b>2017</b>	508	0.89	0	1,923	3.37	2,431	4.26		57,086
<b>2018</b>	520	0.91	2	2,048	3.59	2,570	4.50		57,094
<b>2019</b>	500	0.84	1	2,047	3.46	2,548	4.30		59,228

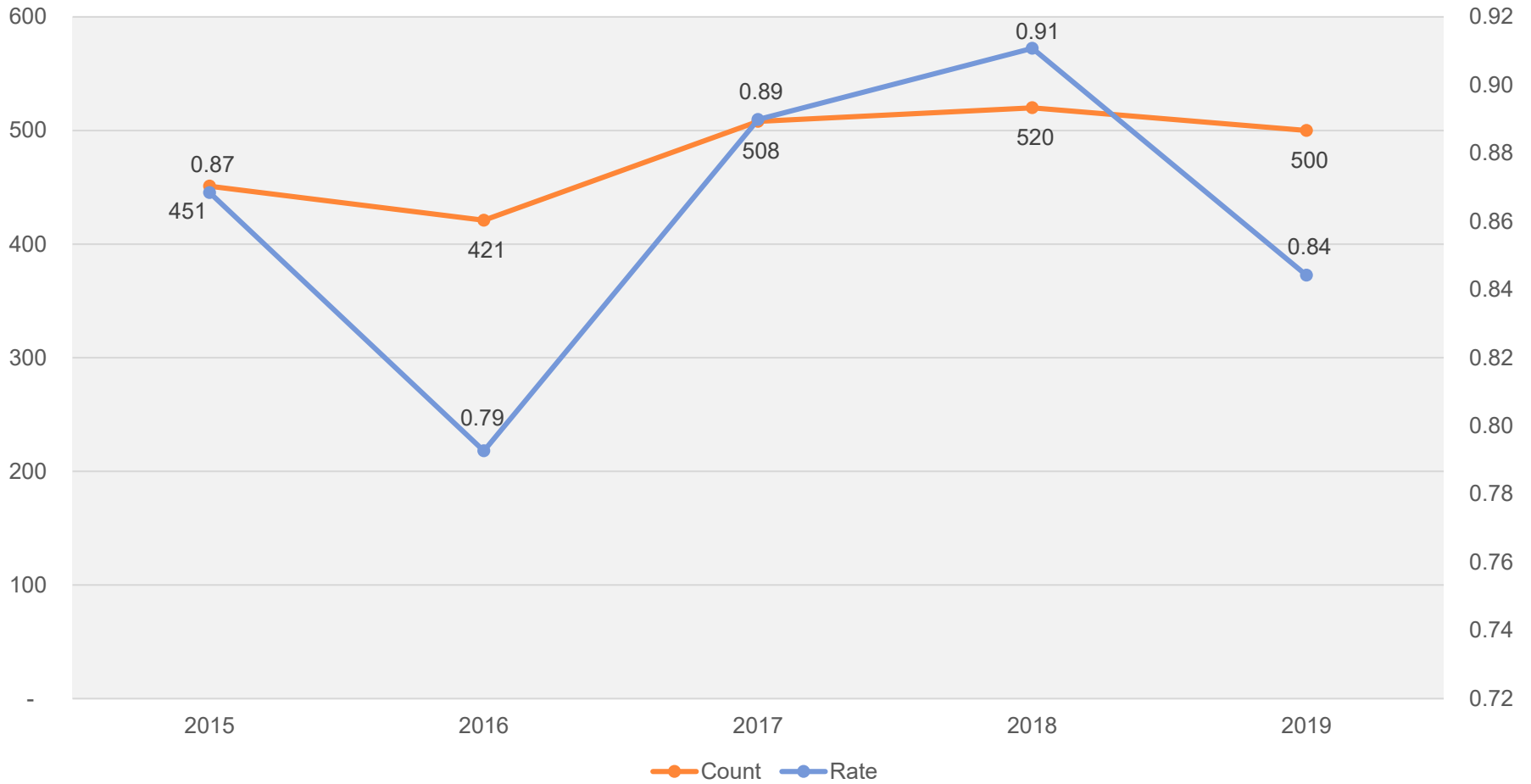
\*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

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
<b>2015</b>	164	0.32	109	0.21	10	0.02	9	0.02	44	0.08	35	0.07	71	0.14
<b>2016</b>	152	0.29	90	0.17	3	0.01	15	0.03	35	0.07	28	0.05	57	0.11
<b>2017</b>	173	0.30	138	0.24	10	0.02	3	0.01	47	0.08	27	0.05	88	0.15
<b>2018</b>	172	0.30	135	0.24	10	0.02	13	0.02	64	0.11	36	0.06	77	0.13
<b>2019</b>	158	0.27	137	0.23	5	0.01	13	0.02	50	0.08	32	0.05	94	0.16

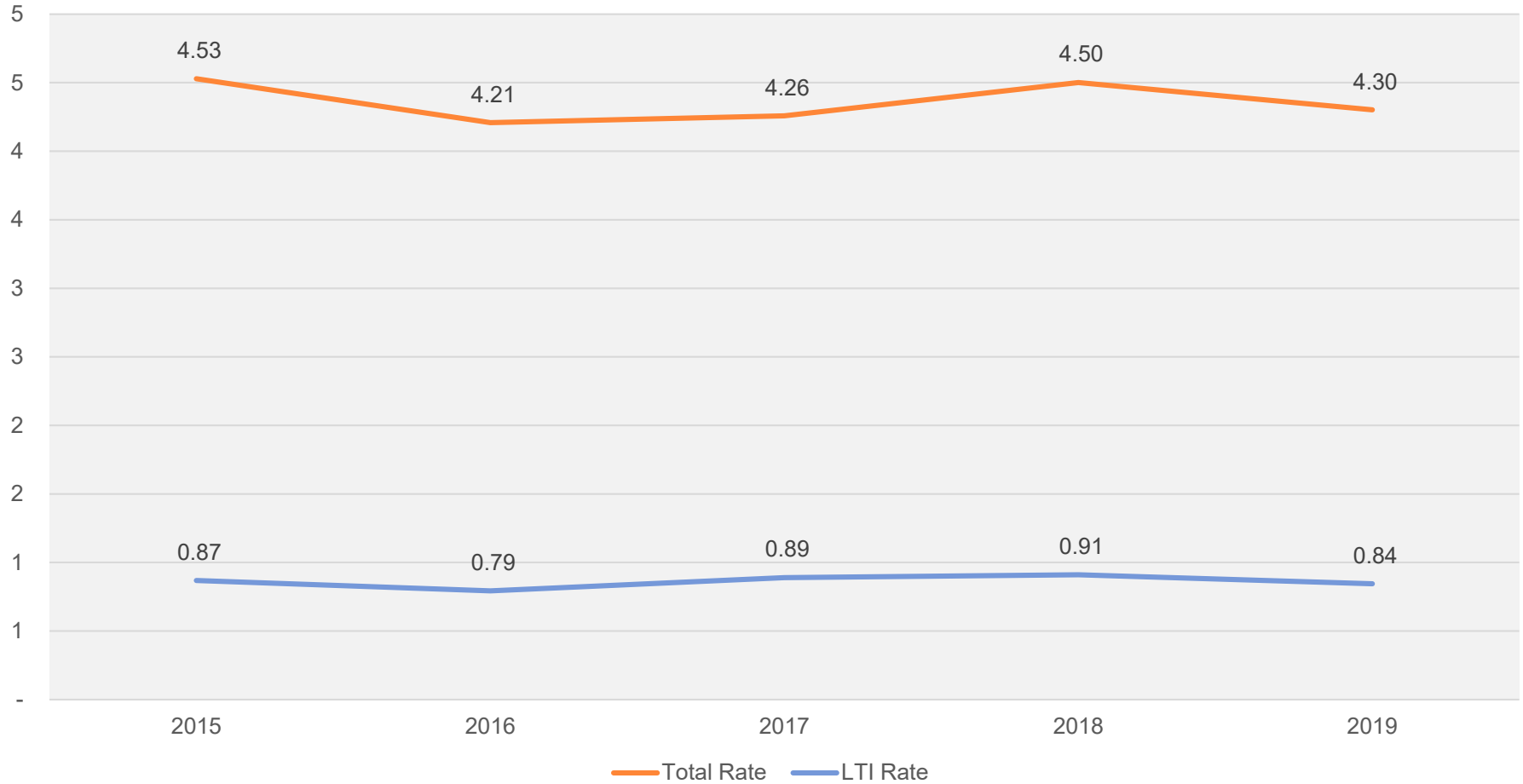
High Impact Lost-time Injury Profile  
Rate Group 704

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
<b>2015</b>	84	0.16	36	0.07	47	0.09	167	0.32
<b>2016</b>	57	0.11	27	0.05	64	0.12	182	0.34
<b>2017</b>	73	0.13	34	0.06	44	0.08	127	0.22
<b>2018</b>	72	0.13	34	0.06	66	0.12	170	0.30
<b>2019</b>	75	0.13	15	0.03	67	0.11	165	0.28

### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTI Count and Rate for 2015-2019 based on March 2020 snapshot

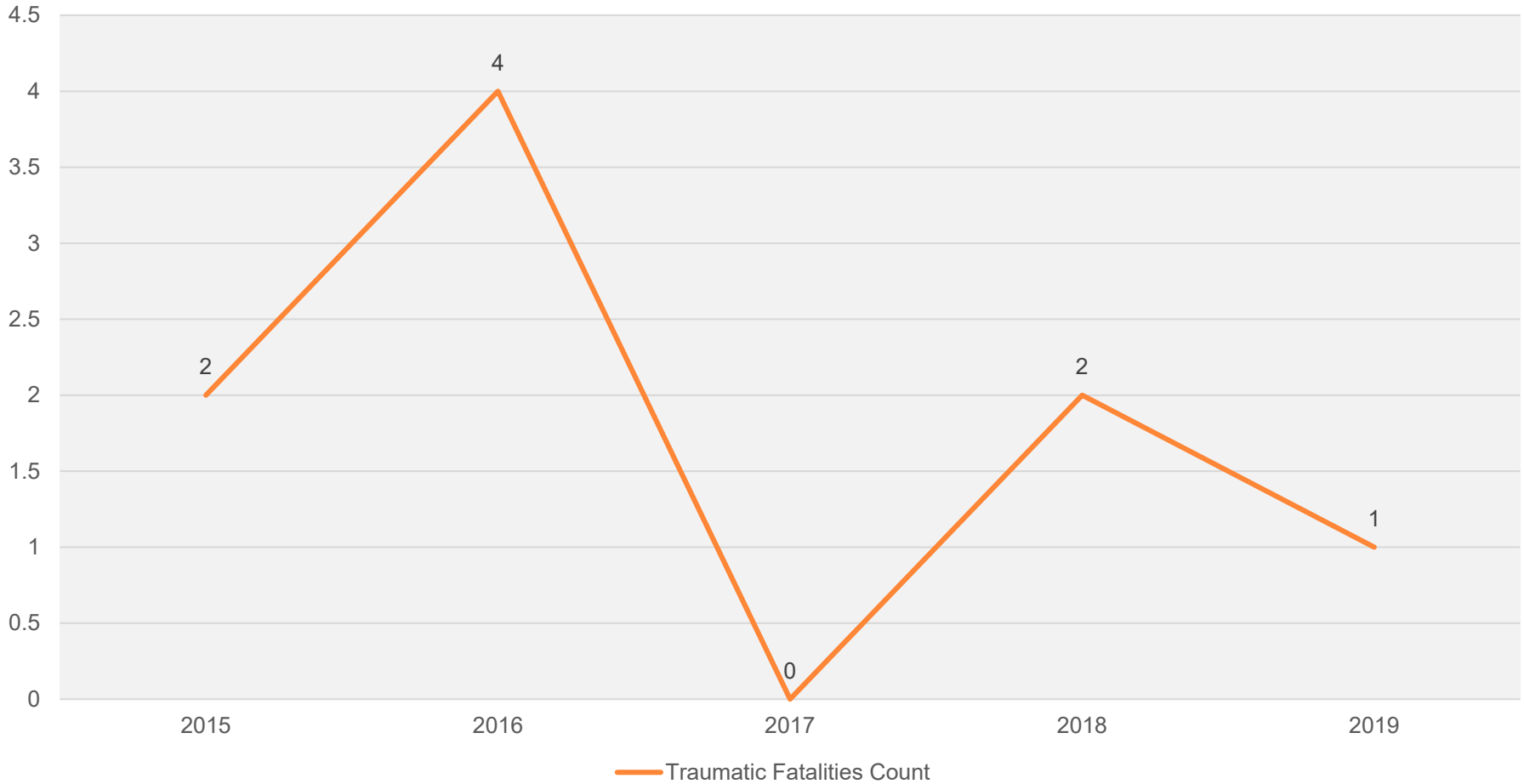


### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTI Rate and Total Rate for 2015-2019 based on March 2020 snapshot

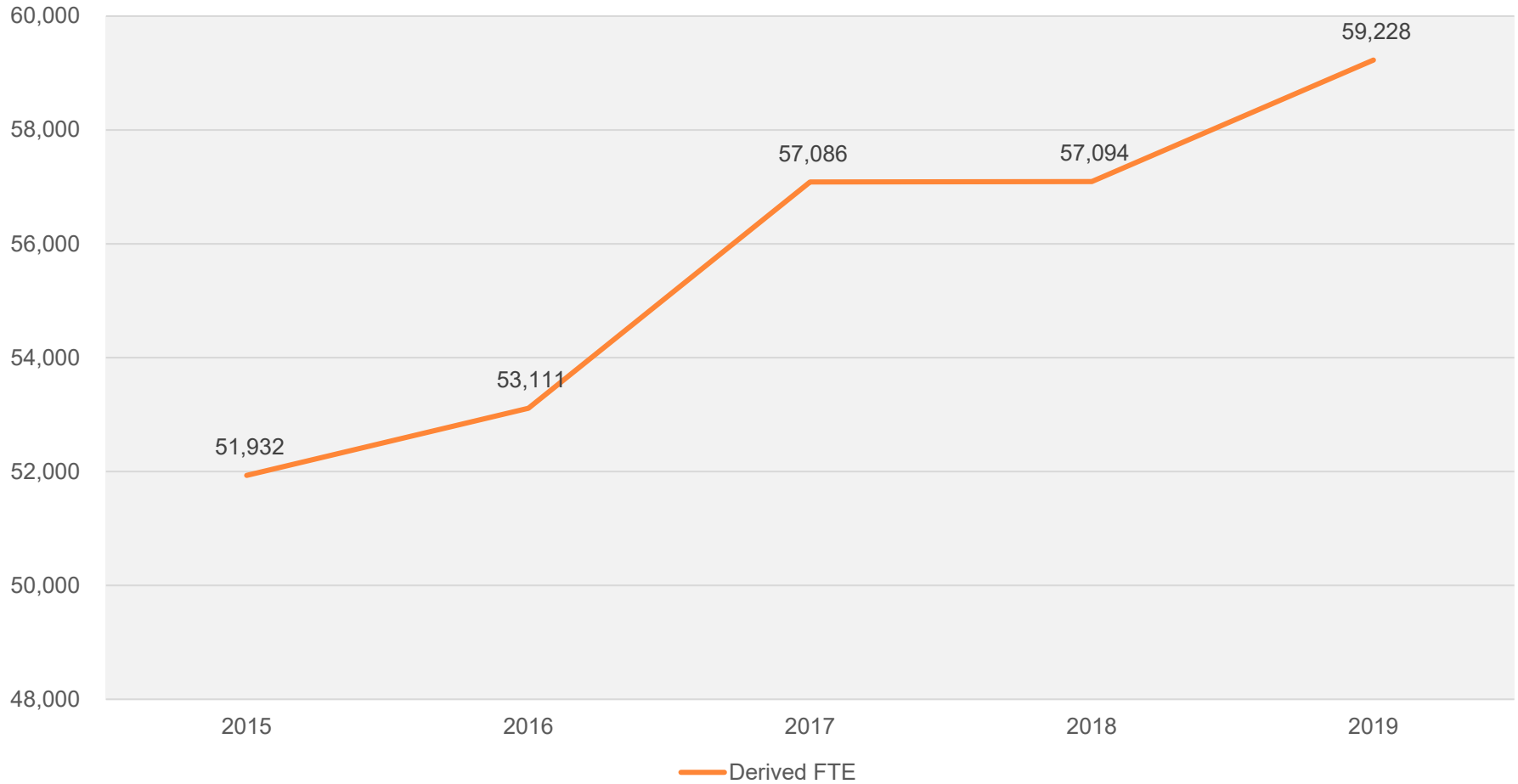




### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Traumatic Fatalities for 2015-2019 based on March 2020 snapshot



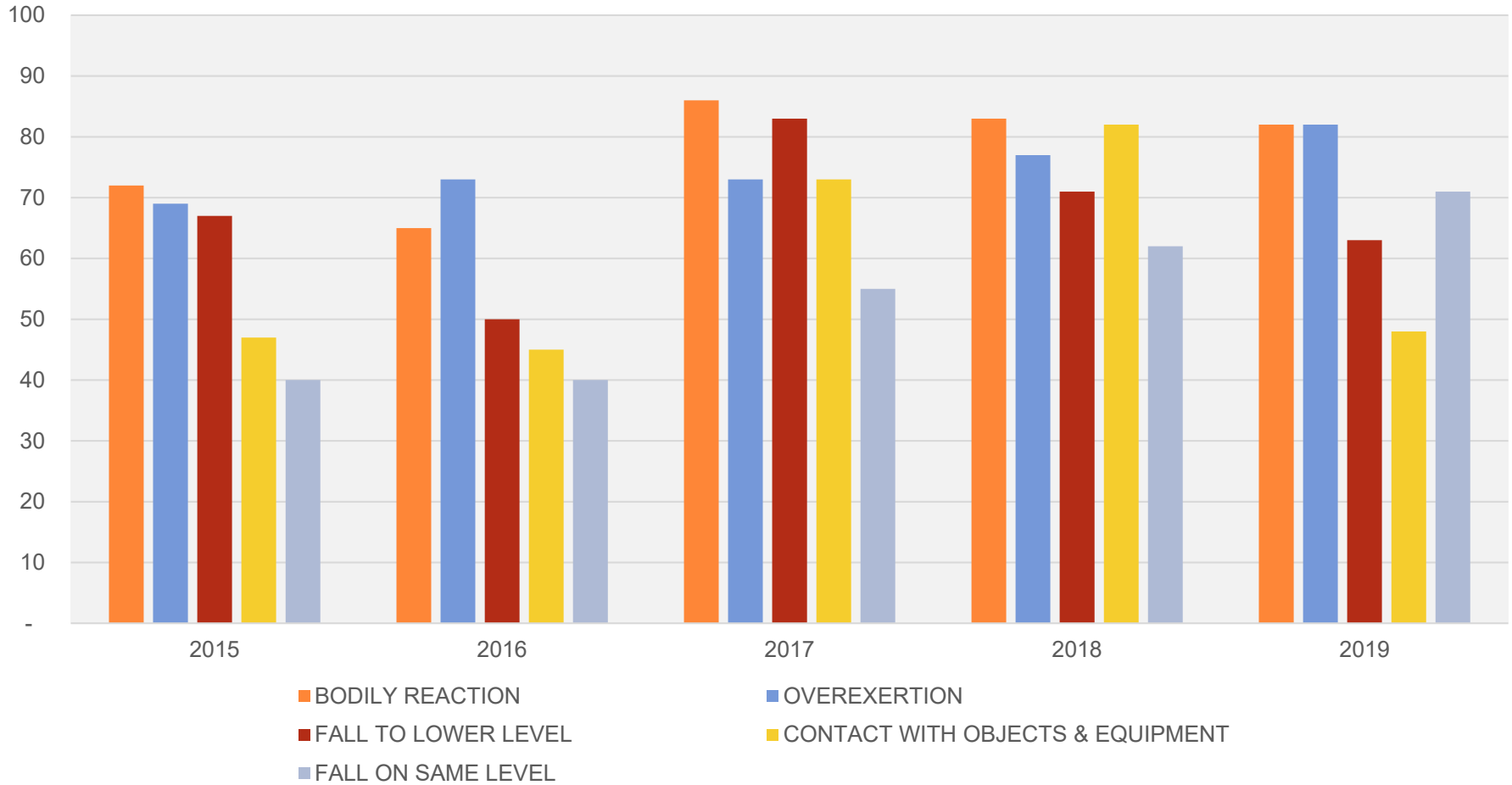
### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Derived FTE for 2015-2019 based on March 2020 snapshot



**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
<b>2015</b>	72	15.9%	69	15.2%	67	14.8%	47	10.4%	40	8.8%	295	65.0%
<b>2016</b>	65	15.4%	73	17.3%	50	11.8%	45	10.7%	40	9.5%	273	64.7%
<b>2017</b>	86	16.8%	73	14.3%	83	16.2%	73	14.3%	55	10.8%	370	72.4%
<b>2018</b>	83	15.8%	77	14.7%	71	13.5%	82	15.6%	62	11.8%	375	71.6%
<b>2019</b>	82	16.4%	82	16.4%	63	12.6%	48	9.6%	71	14.2%	346	69.1%

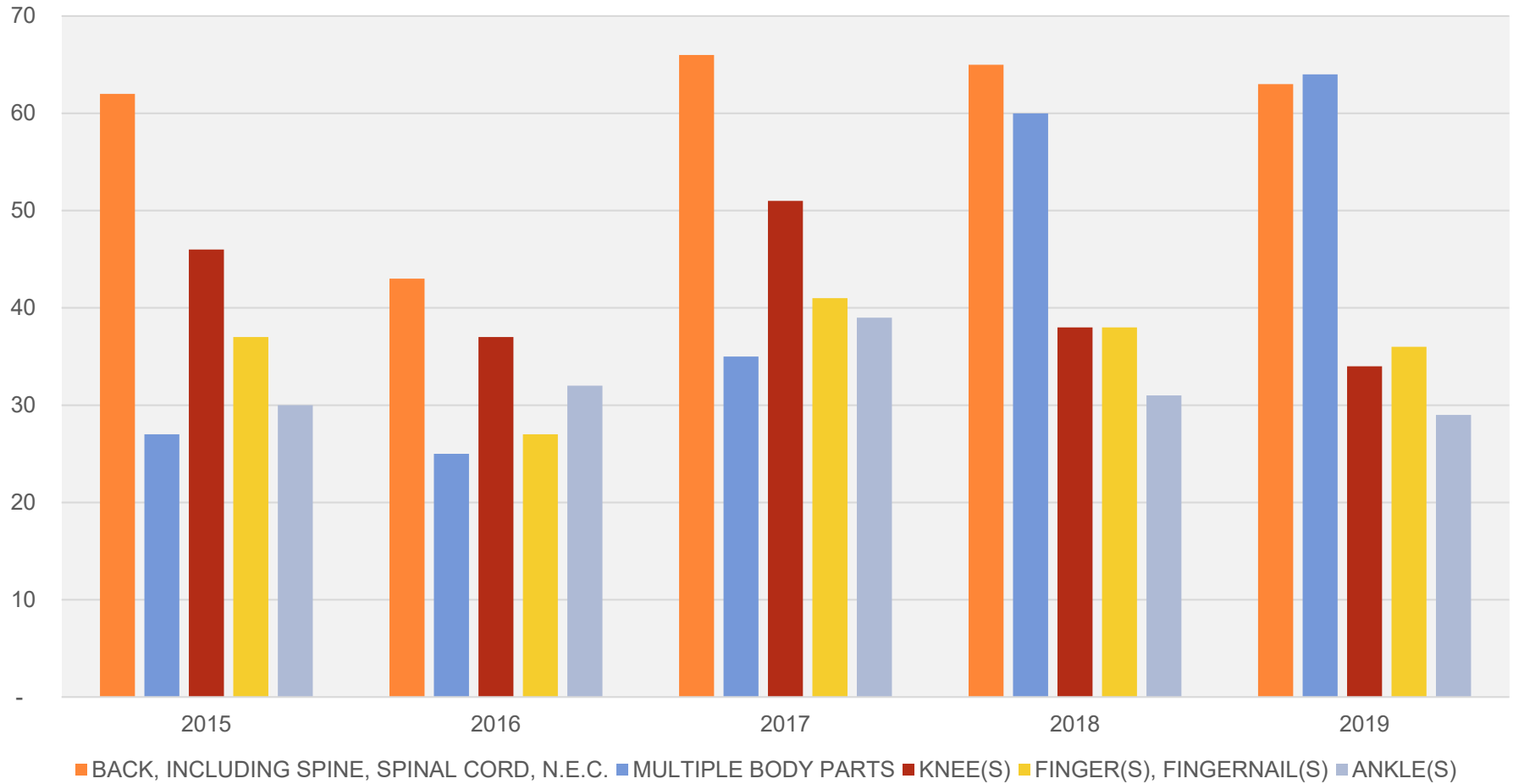
## Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Top 5 Incident Types for 2015-2019 based on March 2020 snapshot



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

Year	BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		MULTIPLE BODY PARTS		KNEE(S)		FINGER(S), FINGERNAIL(S)		ANKLE(S)		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
<b>2015</b>	62	13.7%	27	5.9%	46	10.1%	37	8.1%	30	6.6%	202	44.5%
<b>2016</b>	43	10.2%	25	5.9%	37	8.8%	27	6.4%	32	7.6%	164	38.9%
<b>2017</b>	66	12.9%	35	6.8%	51	10.0%	41	8.0%	39	7.6%	232	45.4%
<b>2018</b>	65	12.4%	60	11.5%	38	7.3%	38	7.3%	31	5.9%	232	44.3%
<b>2019</b>	63	12.6%	64	12.8%	34	6.8%	36	7.2%	29	5.8%	226	45.1%

## Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Top 5 Parts of Body Injured for 2015-2019 based on March 2020 snapshot

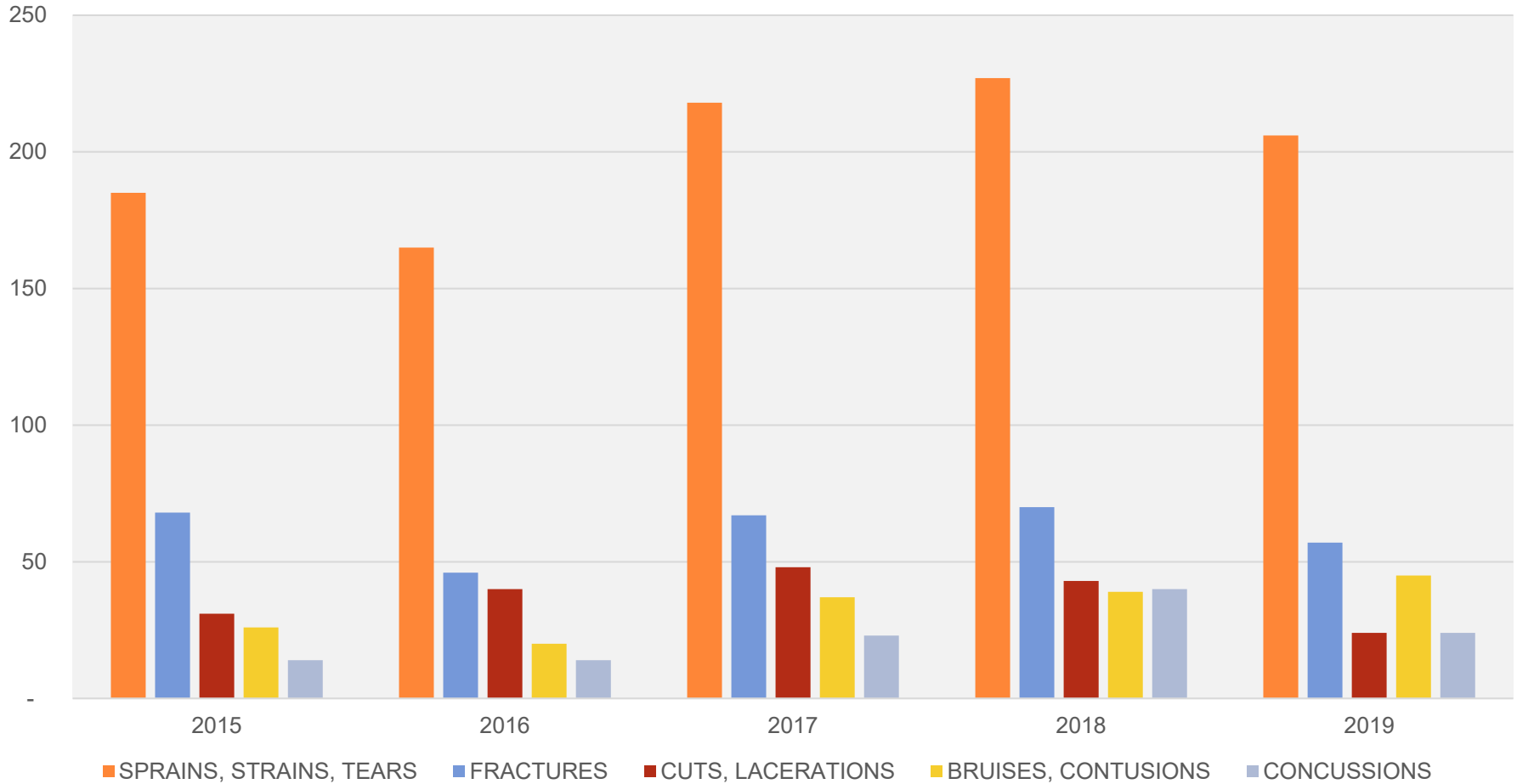


**Top 5 Most Common Nature of Injury Categories  
Rate Group 704**

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
<b>2015</b>	185	40.7%	68	15.0%	31	6.8%	26	5.7%	14	3.1%	324	71.4%
<b>2016</b>	165	39.1%	46	10.9%	40	9.5%	20	4.7%	14	3.3%	285	67.5%
<b>2017</b>	218	42.7%	67	13.1%	48	9.4%	37	7.2%	23	4.5%	393	76.9%
<b>2018</b>	227	43.3%	70	13.4%	43	8.2%	39	7.4%	40	7.6%	419	80.0%
<b>2019</b>	206	41.1%	57	11.4%	24	4.8%	45	9.0%	24	4.8%	356	71.1%

## Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES

### Top 5 Nature of Injury Categories for 2015-2019 based on March 2020 snapshot

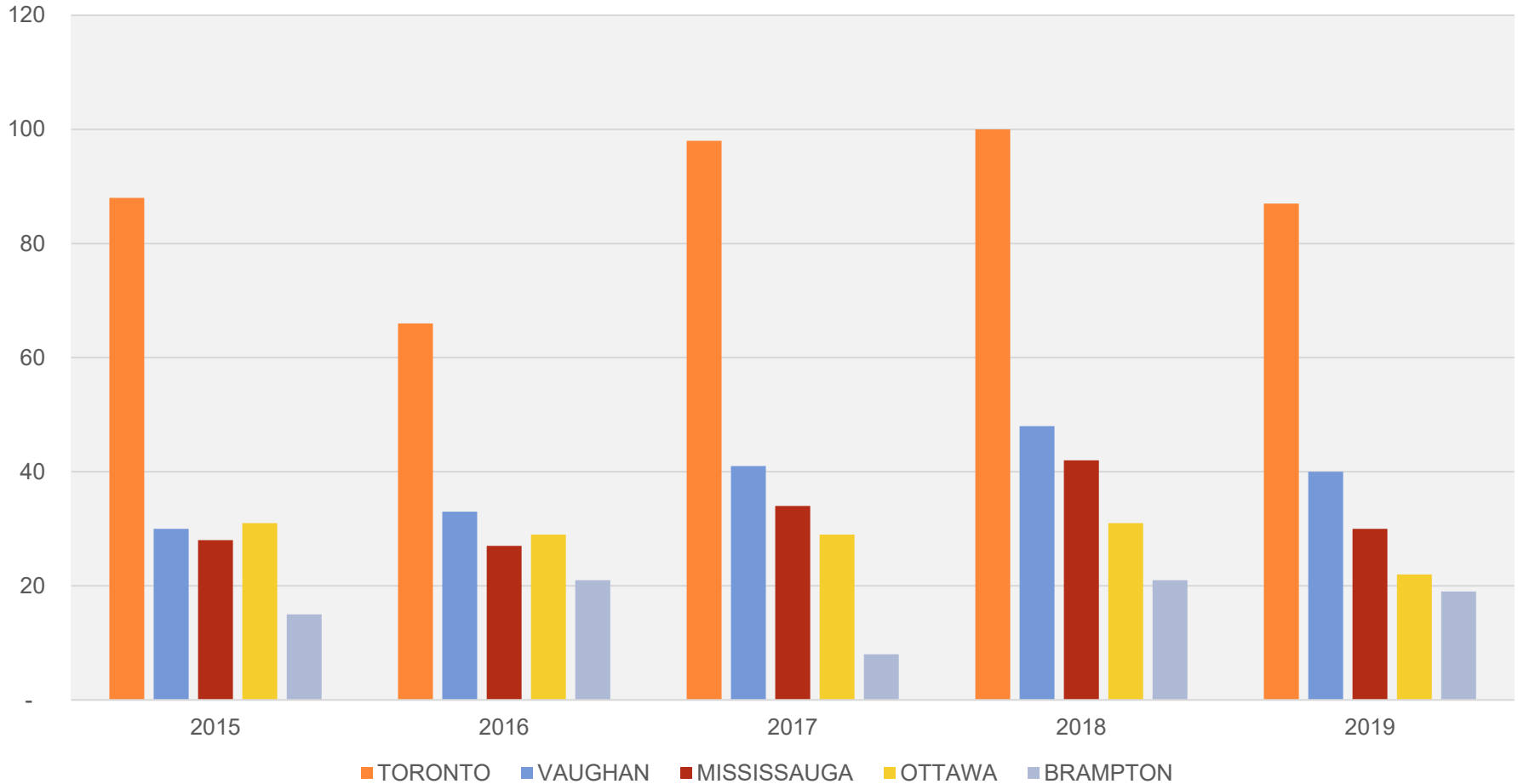




**Top 5 Most Common Incident Places  
Rate Group 704**

Year	TORONTO		VAUGHAN		MISSISSAUGA		OTTAWA		BRAMPTON		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
<b>2015</b>	88	19.4%	30	6.6%	28	6.2%	31	6.8%	15	3.3%	192	42.3%
<b>2016</b>	66	15.6%	33	7.8%	27	6.4%	29	6.9%	21	5.0%	176	41.7%
<b>2017</b>	98	19.2%	41	8.0%	34	6.7%	29	5.7%	8	1.6%	210	41.1%
<b>2018</b>	100	19.1%	48	9.2%	42	8.0%	31	5.9%	21	4.0%	242	46.2%
<b>2019</b>	87	17.4%	40	8.0%	30	6.0%	22	4.4%	19	3.8%	198	39.5%

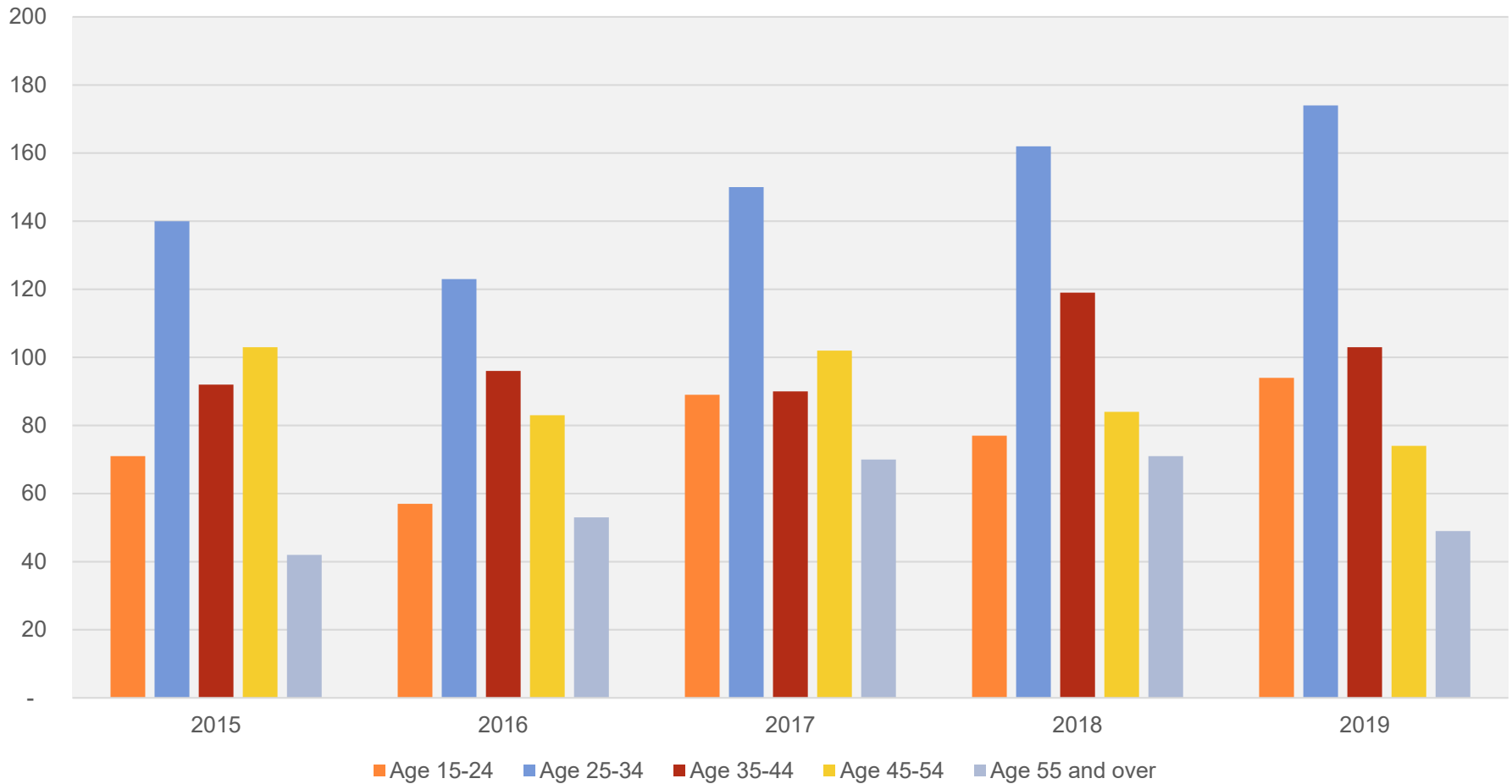
### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES Top 5 Incident Places for 2015-2019 based on March 2020 snapshot



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
<b>2015</b>	-	0.0%	71	15.6%	140	30.8%	92	20.3%	103	22.7%	42	9.3%	-	0.0%
<b>2016</b>	-	0.0%	57	13.5%	123	29.1%	96	22.7%	83	19.7%	53	12.6%	-	0.0%
<b>2017</b>	-	0.0%	89	17.4%	150	29.4%	90	17.6%	102	20.0%	70	13.7%	-	0.0%
<b>2018</b>	-	0.0%	77	14.7%	162	30.9%	119	22.7%	84	16.0%	71	13.5%	-	0.0%
<b>2019</b>	-	0.0%	94	18.8%	174	34.7%	103	20.6%	74	14.8%	49	9.8%	-	0.0%

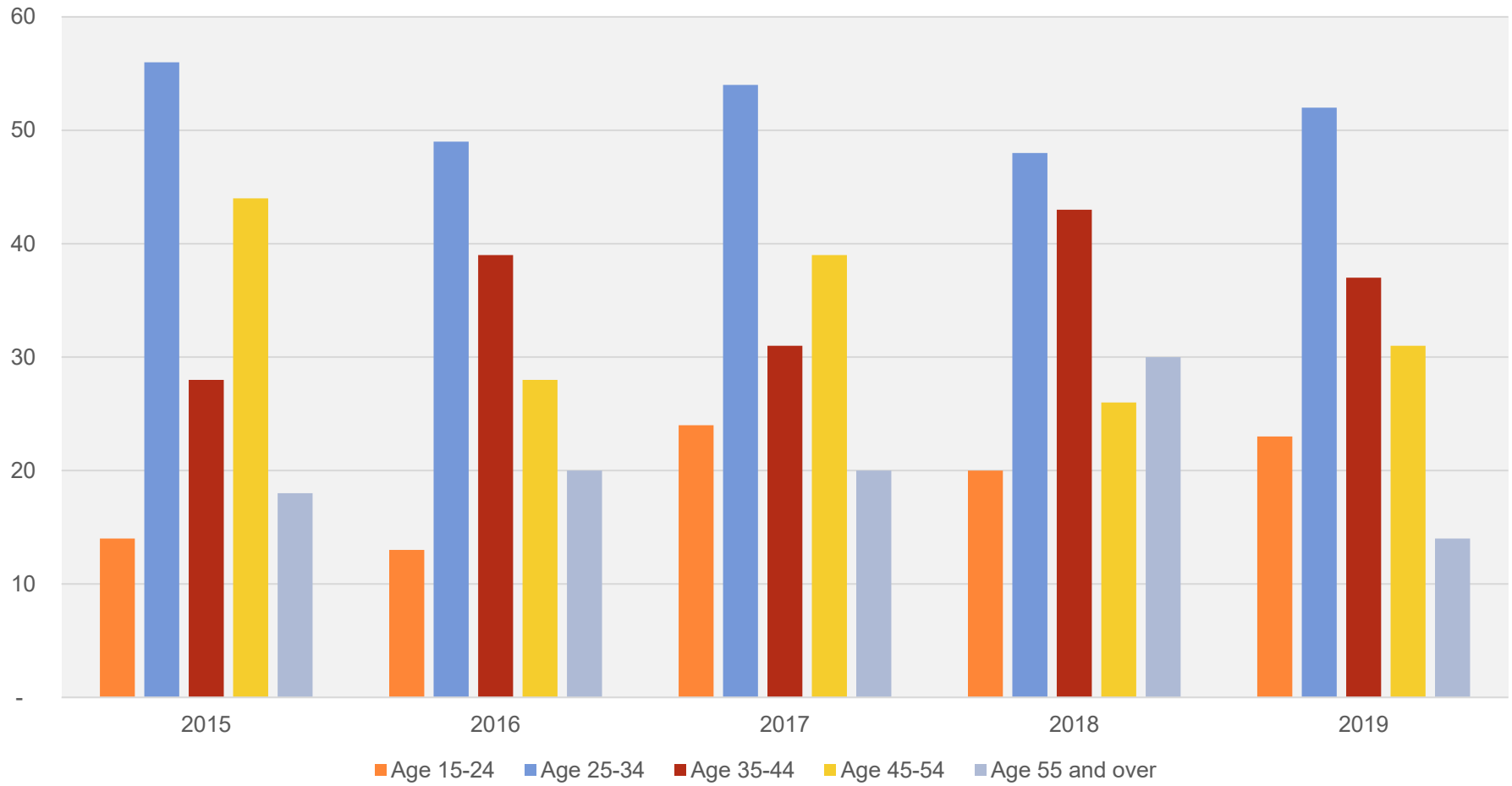
### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTIs by Age Band for 2015-2019 based on March 2020 snapshot



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
<b>2015</b>	-	0.0%	14	8.6%	56	34.6%	28	17.3%	44	27.2%	18	11.1%	-	0.0%
<b>2016</b>	-	0.0%	13	8.7%	49	32.7%	39	26.0%	28	18.7%	20	13.3%	-	0.0%
<b>2017</b>	-	0.0%	24	14.0%	54	31.4%	31	18.0%	39	22.7%	20	11.6%	-	0.0%
<b>2018</b>	-	0.0%	20	11.9%	48	28.6%	43	25.6%	26	15.5%	30	17.9%	-	0.0%
<b>2019</b>	-	0.0%	23	14.6%	52	32.9%	37	23.4%	31	19.6%	14	8.9%	-	0.0%

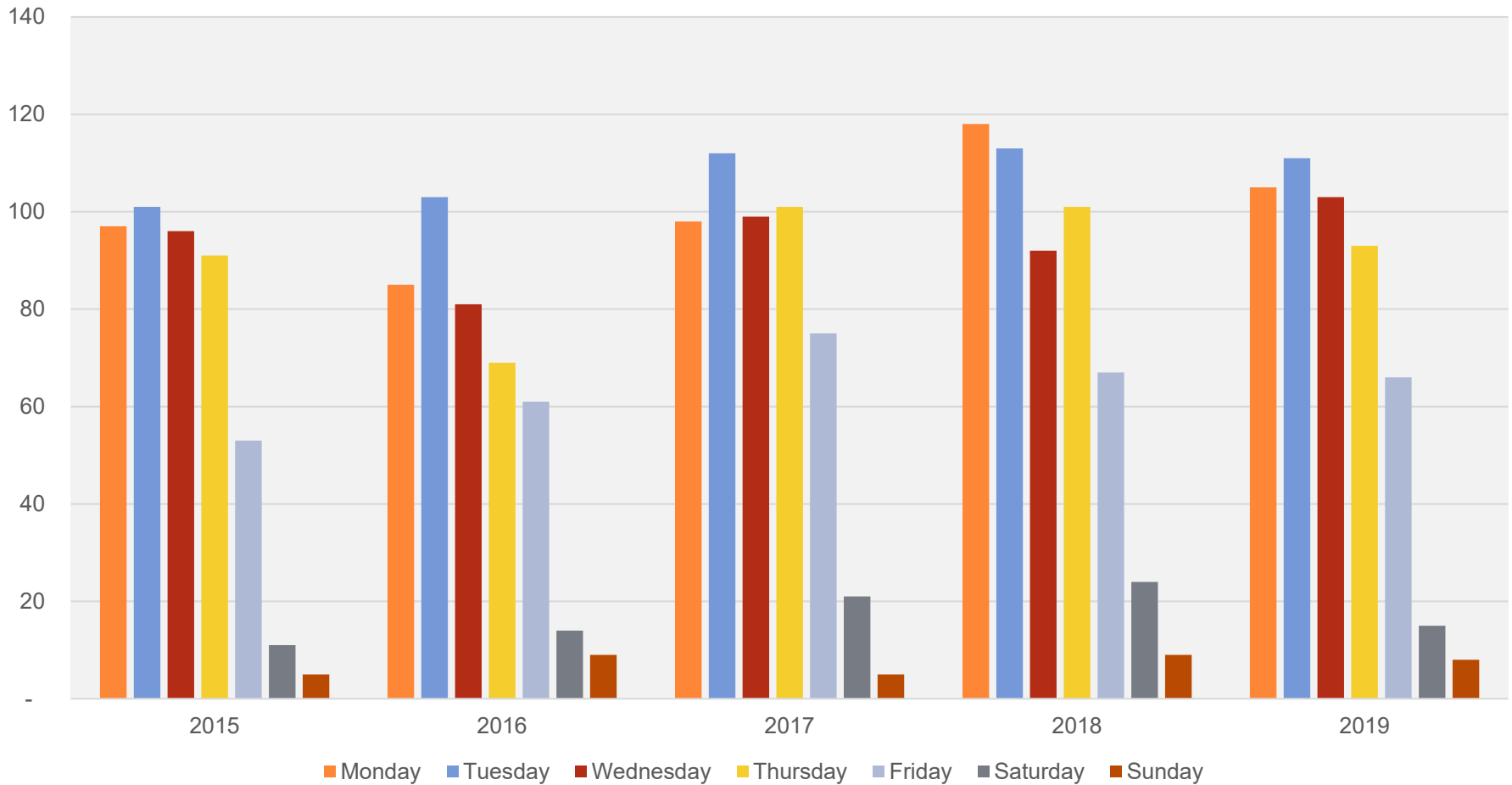
### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES MSD by Age Band for for 2015-2019 based on March 2020 snapshot



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
<b>2015</b>	97	21.4%	101	22.2%	96	21.1%	91	20.0%	53	11.7%	11	2.4%	5	1.1%
<b>2016</b>	85	20.1%	103	24.4%	81	19.2%	69	16.4%	61	14.5%	14	3.3%	9	2.1%
<b>2017</b>	98	19.2%	112	21.9%	99	19.4%	101	19.8%	75	14.7%	21	4.1%	5	1.0%
<b>2018</b>	118	22.5%	113	21.6%	92	17.6%	101	19.3%	67	12.8%	24	4.6%	9	1.7%
<b>2019</b>	105	21.0%	111	22.2%	103	20.6%	93	18.6%	66	13.2%	15	3.0%	8	1.6%

### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTIs by Day of Week for 2015-2019 based on March 2020 snapshot





LTI Breakdown By Month  
Rate Group 704

Month	2015		2016		2017		2018		2019	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
<b>January</b>	41	9.0%	40	9.5%	53	10.4%	51	9.7%	42	8.4%
<b>February</b>	33	7.3%	48	11.4%	34	6.7%	40	7.6%	48	9.6%
<b>March</b>	39	8.6%	44	10.4%	48	9.4%	31	5.9%	48	9.6%
<b>April</b>	49	10.8%	28	6.6%	35	6.8%	31	5.9%	47	9.4%
<b>May</b>	31	6.8%	26	6.2%	36	7.0%	40	7.6%	34	6.8%
<b>June</b>	32	7.0%	29	6.9%	40	7.8%	57	10.9%	31	6.2%
<b>July</b>	38	8.4%	40	9.5%	41	8.0%	56	10.7%	49	9.8%
<b>August</b>	35	7.7%	30	7.1%	42	8.2%	37	7.1%	32	6.4%
<b>September</b>	38	8.4%	40	9.5%	36	7.0%	46	8.8%	37	7.4%
<b>October</b>	40	8.8%	24	5.7%	47	9.2%	47	9.0%	49	9.8%
<b>November</b>	44	9.7%	34	8.1%	55	10.8%	43	8.2%	46	9.2%
<b>December</b>	34	7.5%	39	9.2%	44	8.6%	45	8.6%	38	7.6%

### Rate Group 704 - ELECTRICAL AND INCIDENTAL CONSTRUCTION SERVICES LTIs by Month for 2015-2019 based on March 2020 snapshot

