

Rate Group 711 – Roadbuilding & Excavating

Member Firm Injury Performance

Based on the March 2020 Snapshot

Overall Injury Performance in Rate Group 711			
	2019	2018	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)	4.06	4.45	-8.9%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)	2,143	2,187	-2.0%
Traumatic Fatalities Count	Allowed	4	3
	Pending	0	0
LTI Rate	0.83	0.92	-9.9%
LTI Count	436	450	-3.1%
NLTI Count	1,703	1,734	-1.8%
FTE	52,835	49,142	7.5%

Lost Time Injury Profile. Rate Group 711						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	122	0.23	132	0.27	-7.6%	-14.0%
Falls	90	0.17	79	0.16	13.9%	6.0%
Machinery	26	0.05	23	0.05	13.0%	5.1%
MVIs	17	0.03	27	0.05	-37.0%	-41.4%
Critical Injuries	42	0.08	36	0.07	16.7%	8.5%
New Worker	53	0.10	47	0.10	12.8%	4.9%
Young Worker	78	0.15	75	0.15	4.0%	-3.3%

High Impact Claims. Rate Group 711						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	57	0.11	76	0.15	-25.0%	-30.2%
Shoulder	33	0.06	29	0.06	13.8%	5.8%
Fractures	61	0.12	61	0.12	0.0%	-7.0%
Total HI Claims	162	0.31	166	0.34	-2.4%	-9.2%

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 711 – Roadbuilding & Excavating

Member Injury Performance Analysis for 2015-2019

Based on March 2020 Snapshot

Overall Injury Performance Rate Group 711								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2015	402	0.91	3	1,566	3.54	1,971	4.46	44,222
2016	427	0.95	6	1,584	3.52	2,017	4.48	44,982
2017	465	0.98	3	1,583	3.34	2,051	4.33	47,385
2018	450	0.92	3	1,734	3.53	2,187	4.45	49,142
2019	436	0.83	4	1,703	3.22	2,143	4.06	52,835

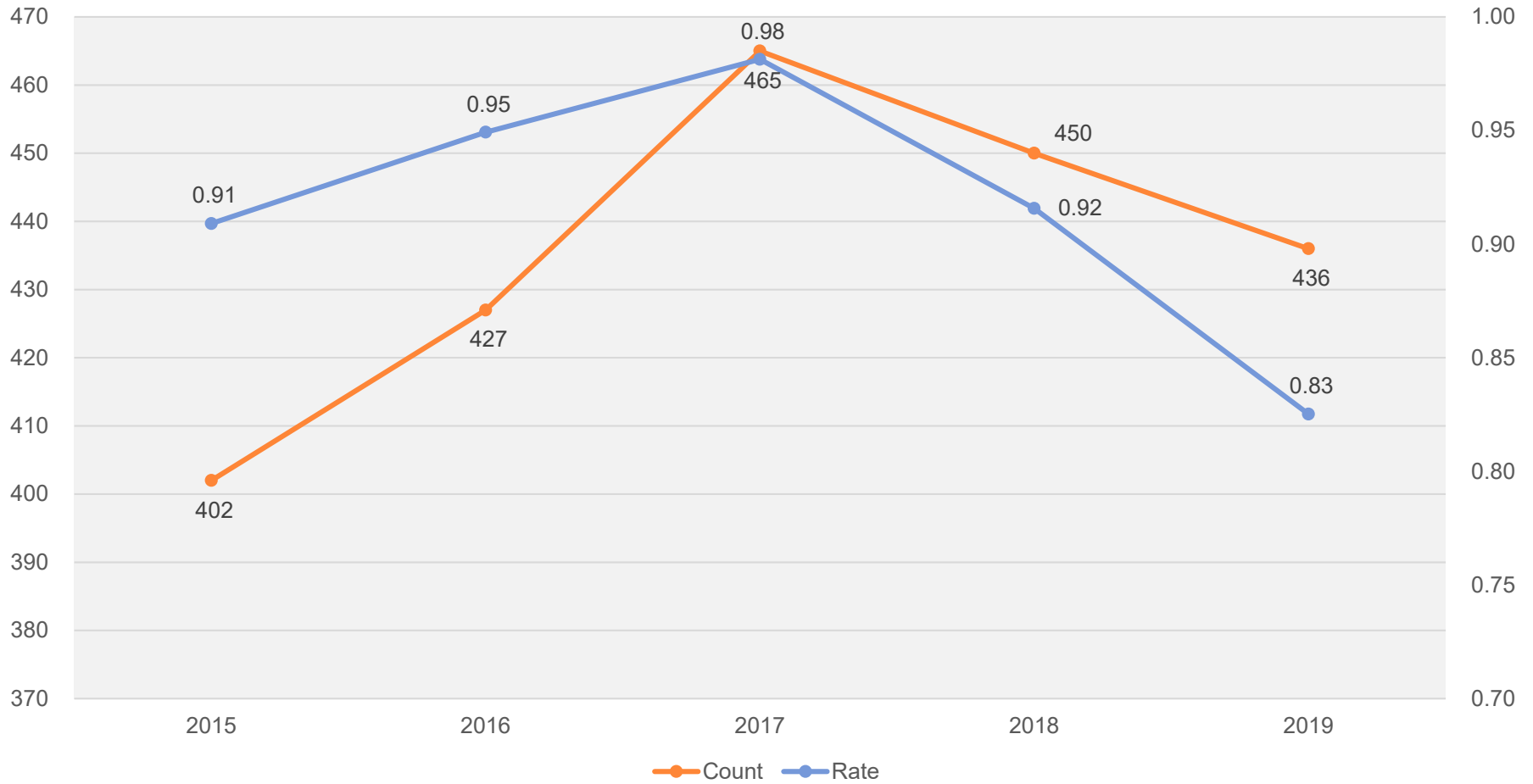
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

Lost-time Injury Profile Rate Group 711														
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	123	0.28	65	0.15	12	0.03	23	0.05	48	0.11	54	0.12	57	0.13
2016	118	0.26	80	0.18	27	0.06	23	0.05	48	0.11	41	0.09	66	0.15
2017	146	0.31	83	0.18	25	0.05	18	0.04	39	0.08	44	0.09	69	0.15
2018	132	0.27	79	0.16	23	0.05	27	0.05	36	0.07	47	0.10	75	0.15
2019	122	0.23	90	0.17	26	0.05	17	0.03	42	0.08	53	0.10	78	0.15

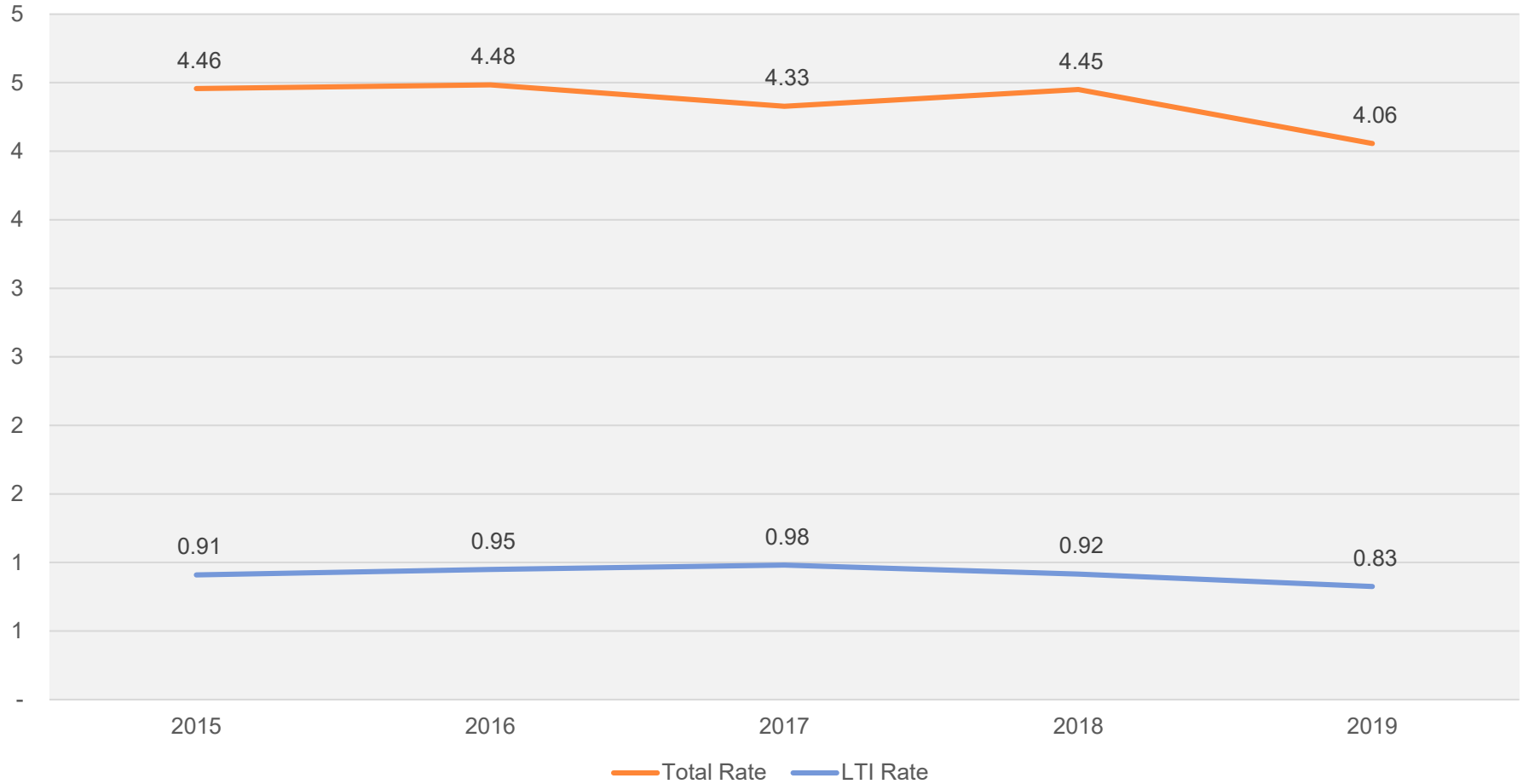
High Impact Lost-time Injury Profile
Rate Group 711

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2015	67	0.15	14	0.03	61	0.14	158	0.36
2016	65	0.14	18	0.04	55	0.12	134	0.30
2017	75	0.16	29	0.06	68	0.14	151	0.32
2018	76	0.15	29	0.06	61	0.12	166	0.34
2019	57	0.11	33	0.06	61	0.12	162	0.31

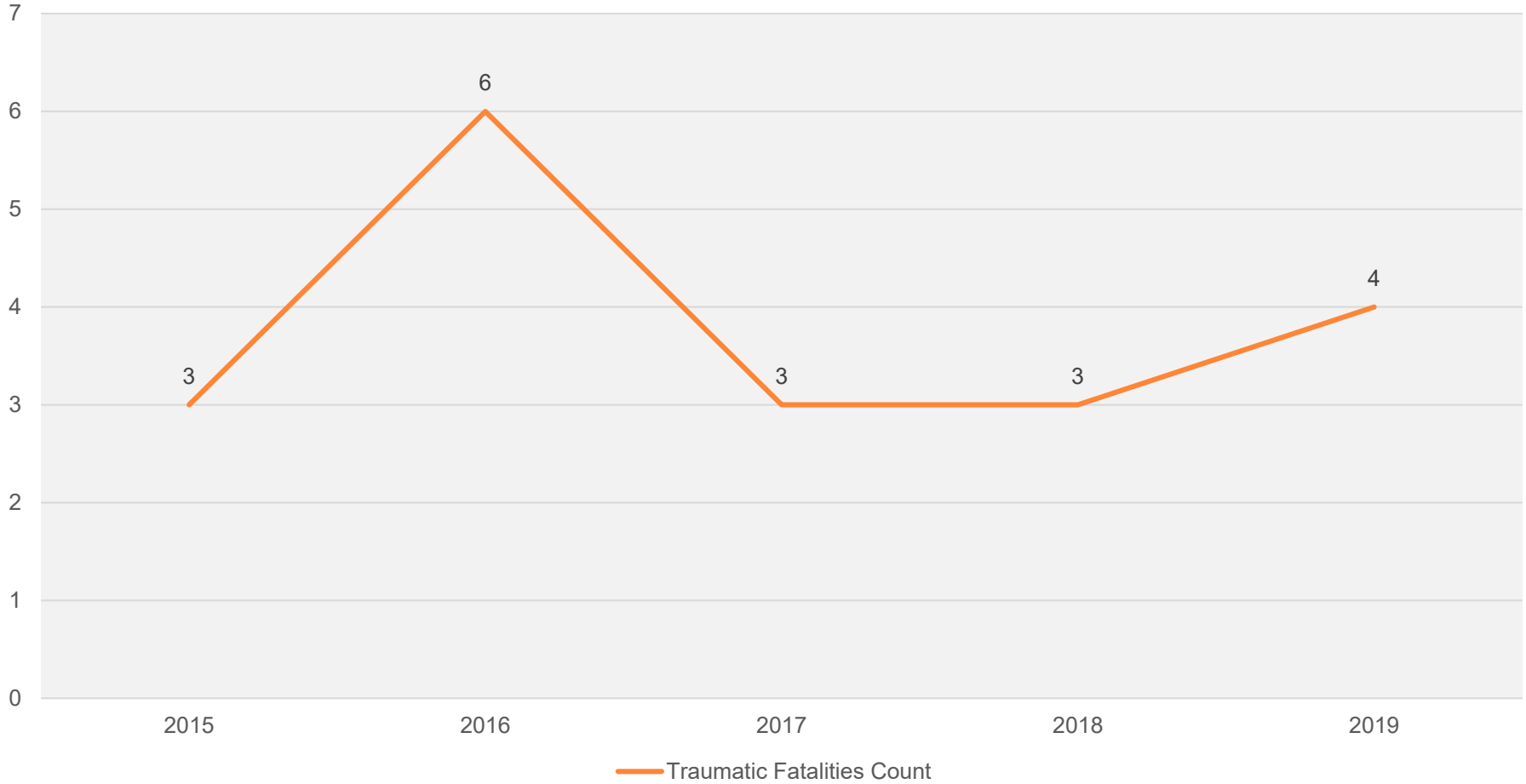
Rate Group 711 - ROADBUILDING AND EXCAVATING LTI Count and Rate for 2015-2019 based on March 2020 snapshot



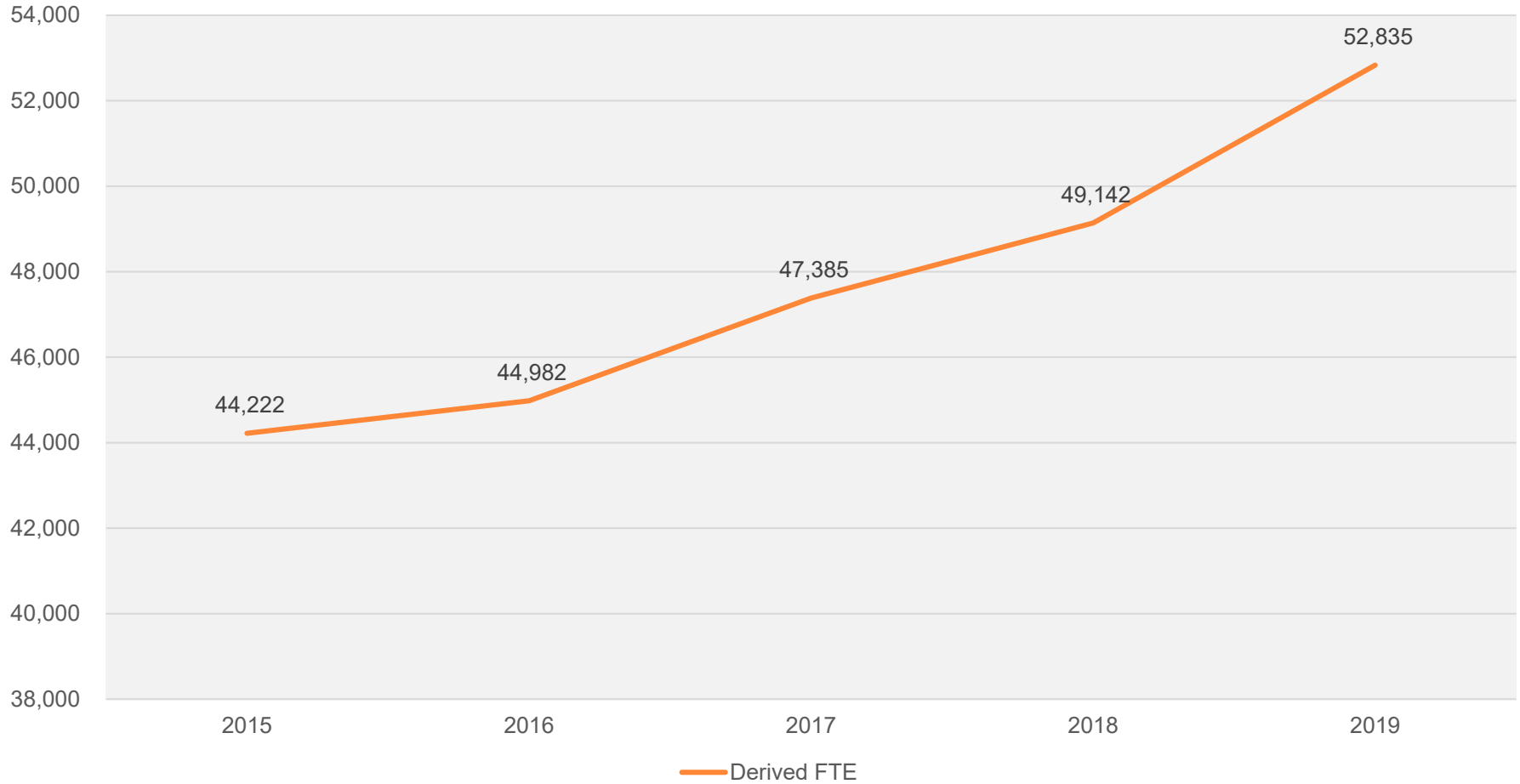
Rate Group 711 - ROADBUILDING AND EXCAVATING LTI Rate and Total Rate for 2015-2019 based on March 2020 snapshot



Rate Group 711 - ROADBUILDING AND EXCAVATING Traumatic Fatalities for 2015-2019 based on March 2020 snapshot



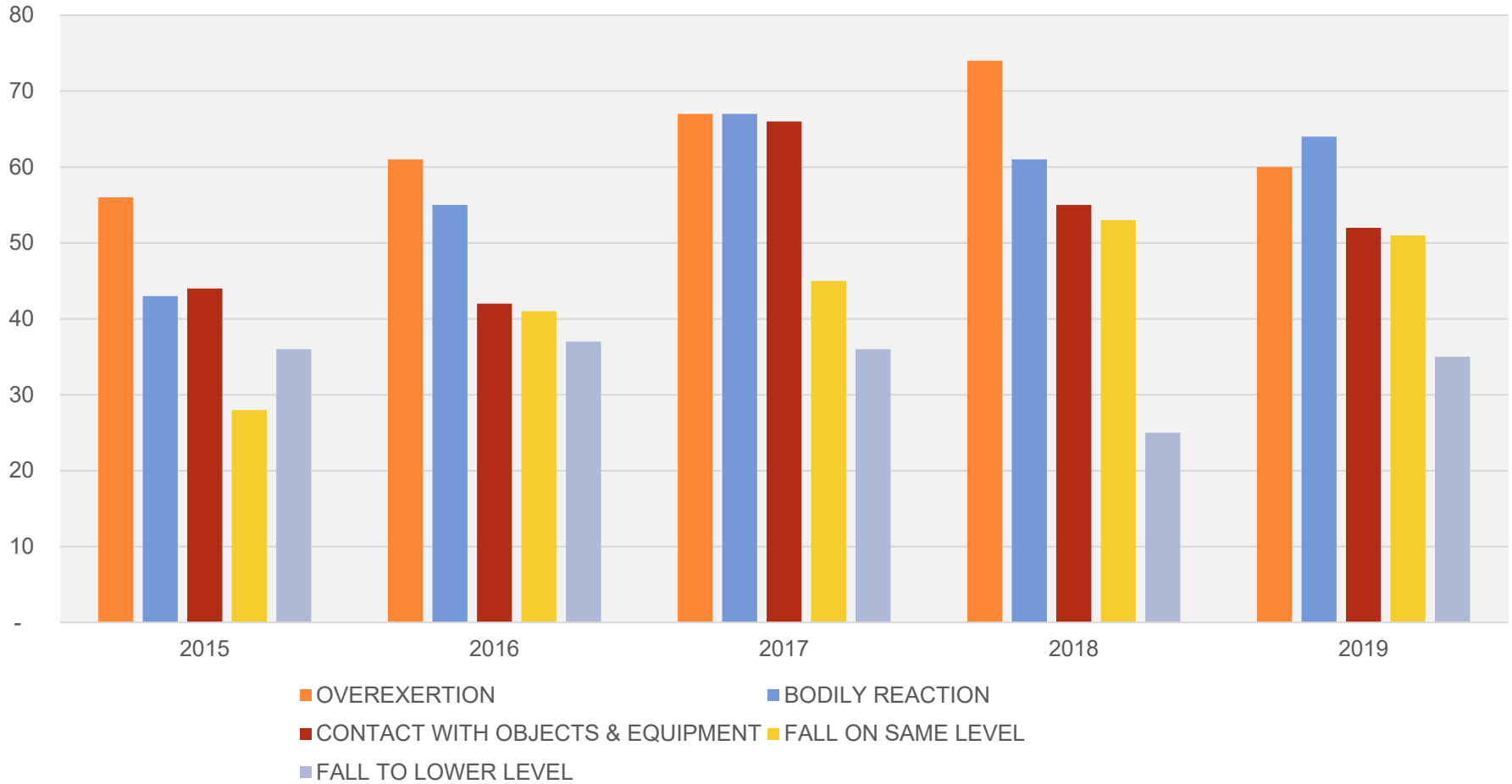
Rate Group 711 - ROADBUILDING AND EXCAVATING Derived FTE for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Incident Types
Rate Group 711**

Year	OVEREXERTION		BODILY REACTION		CONTACT WITH OBJECTS & EQUIPMENT		FALL ON SAME LEVEL		FALL TO LOWER LEVEL		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	56	13.9%	43	10.6%	44	10.9%	28	6.9%	36	8.9%	207	51.2%
2016	61	14.2%	55	12.8%	42	9.7%	41	9.5%	37	8.6%	236	54.8%
2017	67	14.3%	67	14.3%	66	14.1%	45	9.6%	36	7.7%	281	60.0%
2018	74	16.2%	61	13.3%	55	12.0%	53	11.6%	25	5.5%	268	58.6%
2019	60	13.7%	64	14.6%	52	11.8%	51	11.6%	35	8.0%	262	59.7%

Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Incident Types for 2015-2019 based on March 2020 snapshot

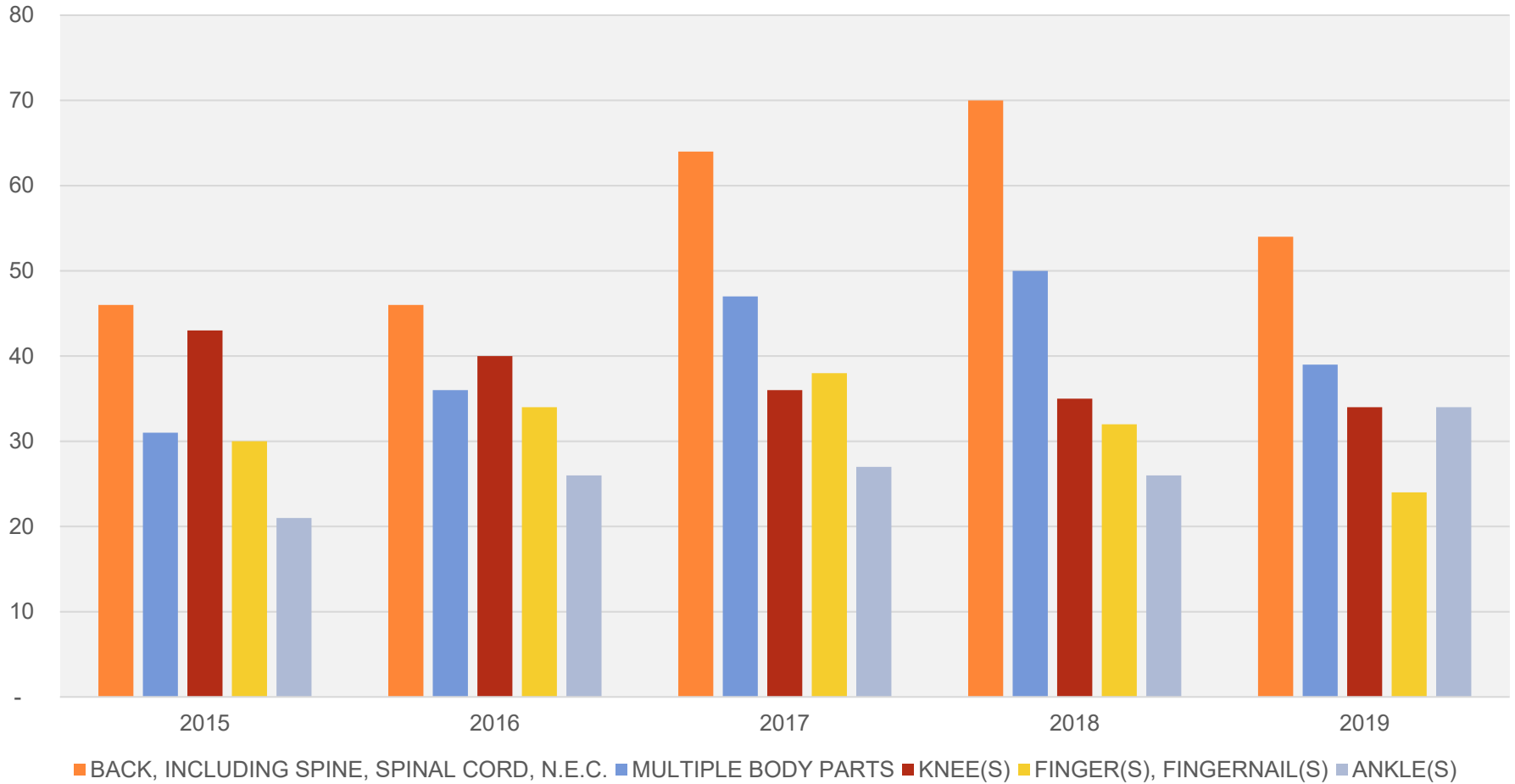


**Top 5 Most Common Parts of Body Injured
Rate Group 711**

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
2015	46	11.4%	31	7.7%	43	10.6%	30	7.4%	21	5.2%	171	42.3%
2016	46	10.7%	36	8.4%	40	9.3%	34	7.9%	26	6.0%	182	42.2%
2017	64	13.7%	47	10.0%	36	7.7%	38	8.1%	27	5.8%	212	45.3%
2018	70	15.3%	50	10.9%	35	7.7%	32	7.0%	26	5.7%	213	46.6%
2019	54	12.3%	39	8.9%	34	7.7%	24	5.5%	34	7.7%	185	42.1%

Rate Group 711 - ROADBUILDING AND EXCAVATING

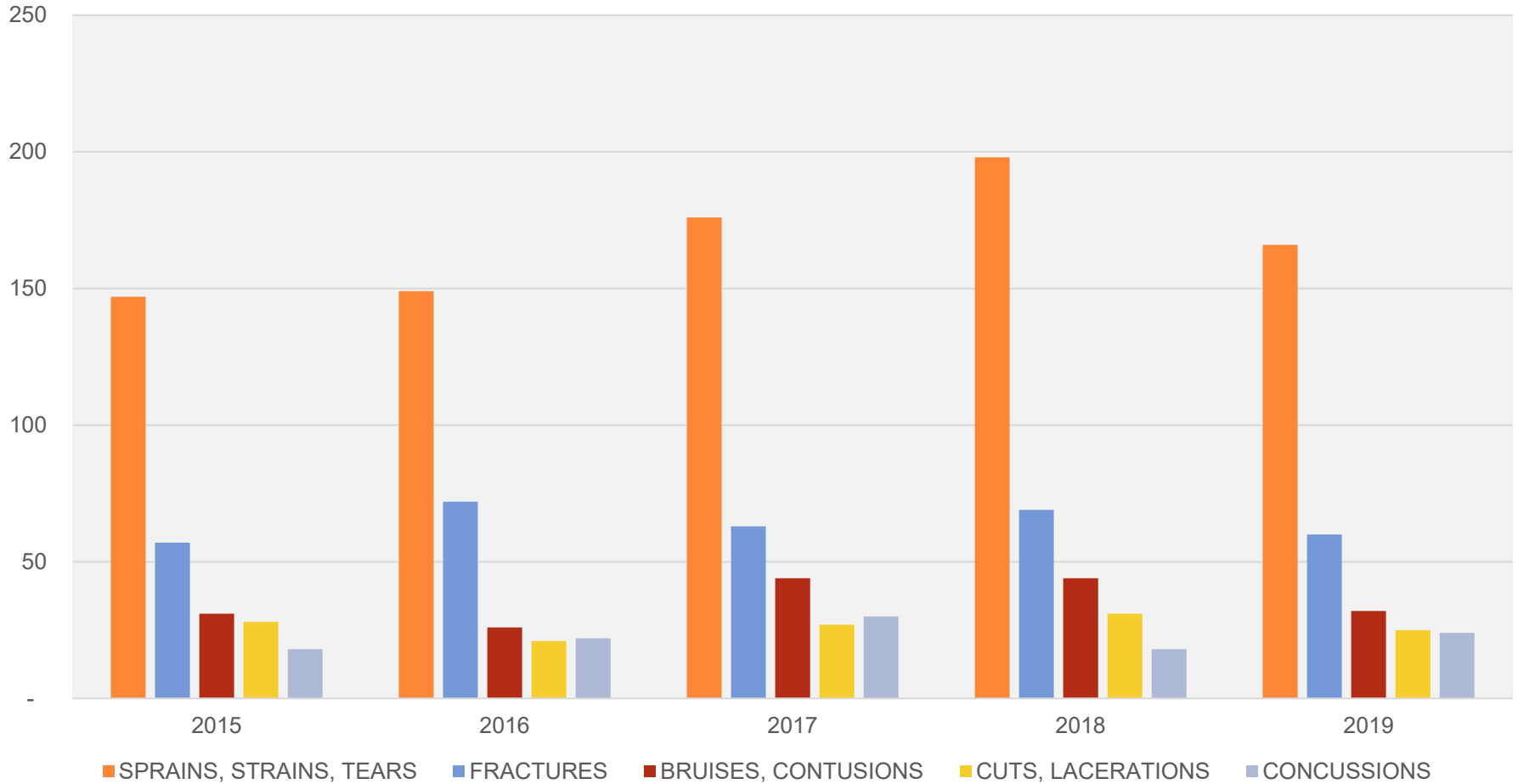
Top 5 Parts of Body Injured for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Nature of Injury Categories
Rate Group 711**

Year	SPRAINS, STRAINS, TEARS		FRACTURES		BRUISES, CONTUSIONS		CUTS, LACERATIONS		CONCUSSIONS		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	147	36.4%	57	14.1%	31	7.7%	28	6.9%	18	4.5%	281	69.6%
2016	149	34.6%	72	16.7%	26	6.0%	21	4.9%	22	5.1%	290	67.3%
2017	176	37.6%	63	13.5%	44	9.4%	27	5.8%	30	6.4%	340	72.6%
2018	198	43.3%	69	15.1%	44	9.6%	31	6.8%	18	3.9%	360	78.8%
2019	166	37.8%	60	13.7%	32	7.3%	25	5.7%	24	5.5%	307	69.9%

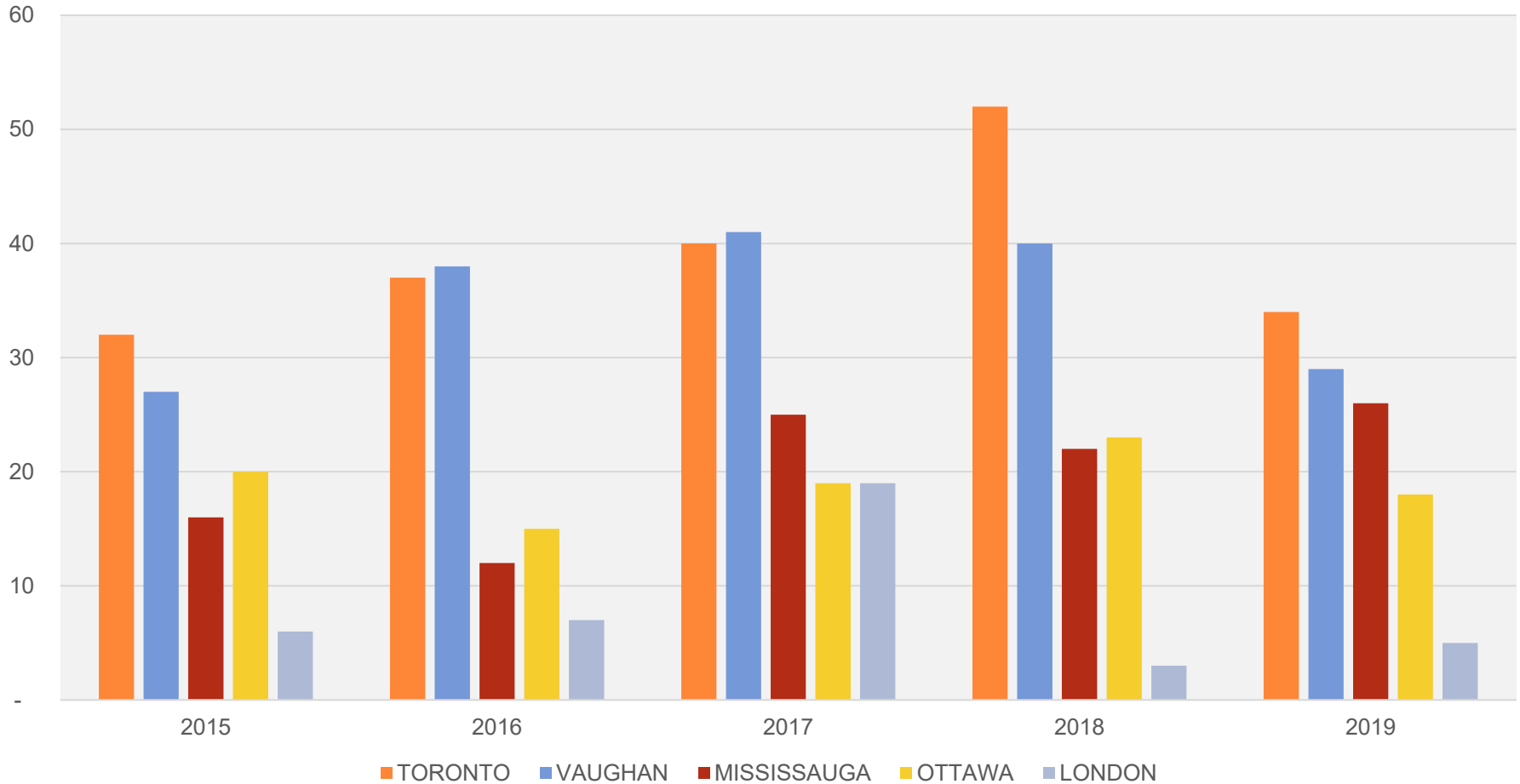
Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Nature of Injury Categories for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Incident Places
Rate Group 711**

Year	TORONTO		VAUGHAN		MISSISSAUGA		OTTAWA		LONDON		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	32	7.9%	27	6.7%	16	4.0%	20	5.0%	6	1.5%	101	25.0%
2016	37	8.6%	38	8.8%	12	2.8%	15	3.5%	7	1.6%	109	25.3%
2017	40	8.5%	41	8.8%	25	5.3%	19	4.1%	19	4.1%	144	30.8%
2018	52	11.4%	40	8.8%	22	4.8%	23	5.0%	3	0.7%	140	30.6%
2019	34	7.7%	29	6.6%	26	5.9%	18	4.1%	5	1.1%	112	25.5%

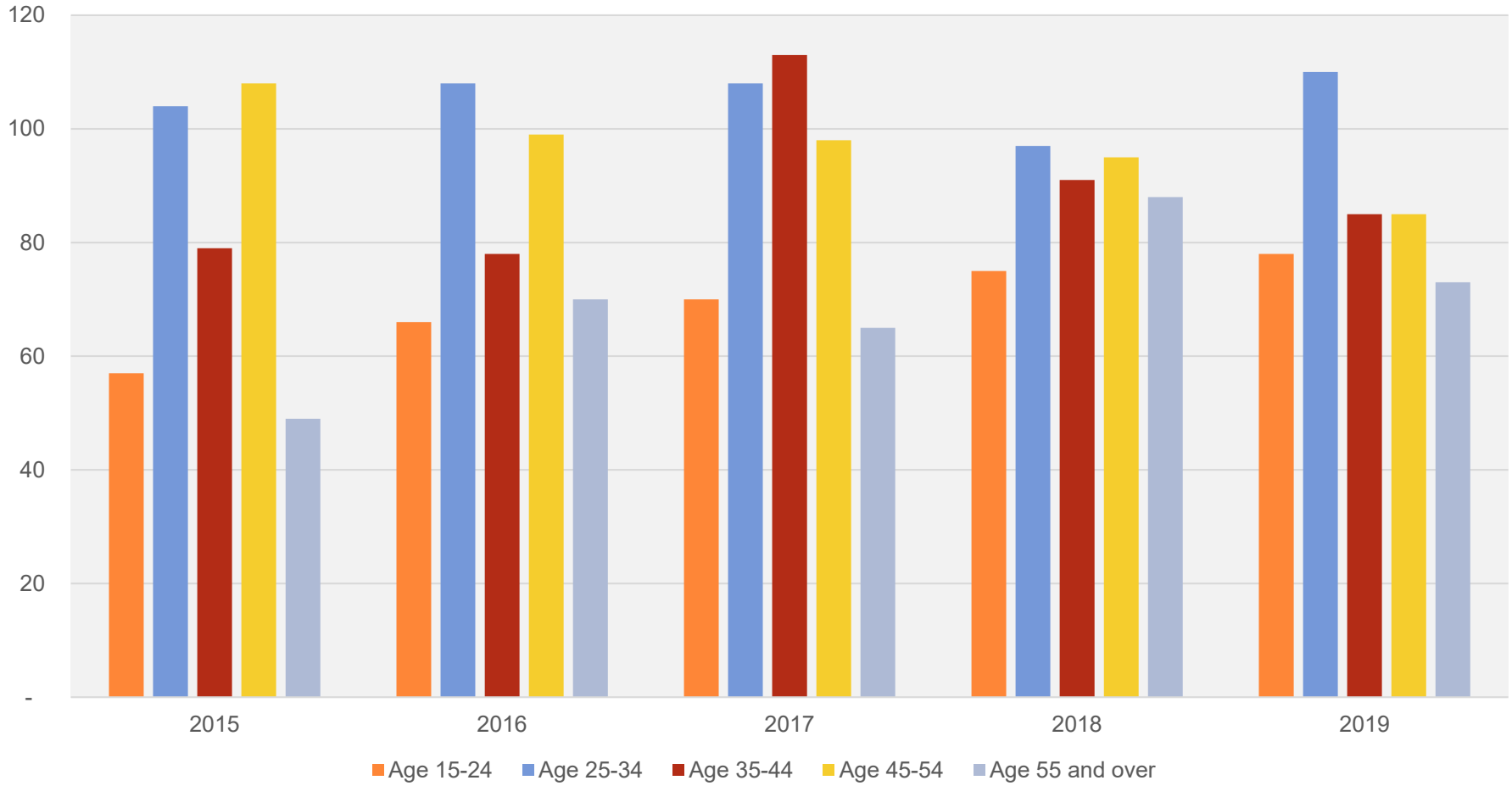
Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Incident Places for 2015-2019 based on March 2020 snapshot



Age Band Breakdown
Rate Group 711

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%	57	14.1%	104	25.7%	79	19.6%	108	26.7%	49	12.1%	-	0.0%
2016	-	0.0%	66	15.3%	108	25.1%	78	18.1%	99	23.0%	70	16.2%	-	0.0%
2017	-	0.0%	70	15.0%	108	23.1%	113	24.1%	98	20.9%	65	13.9%	-	0.0%
2018	-	0.0%	75	16.4%	97	21.2%	91	19.9%	95	20.8%	88	19.3%	-	0.0%
2019	-	0.0%	78	17.8%	110	25.1%	85	19.4%	85	19.4%	73	16.6%	-	0.0%

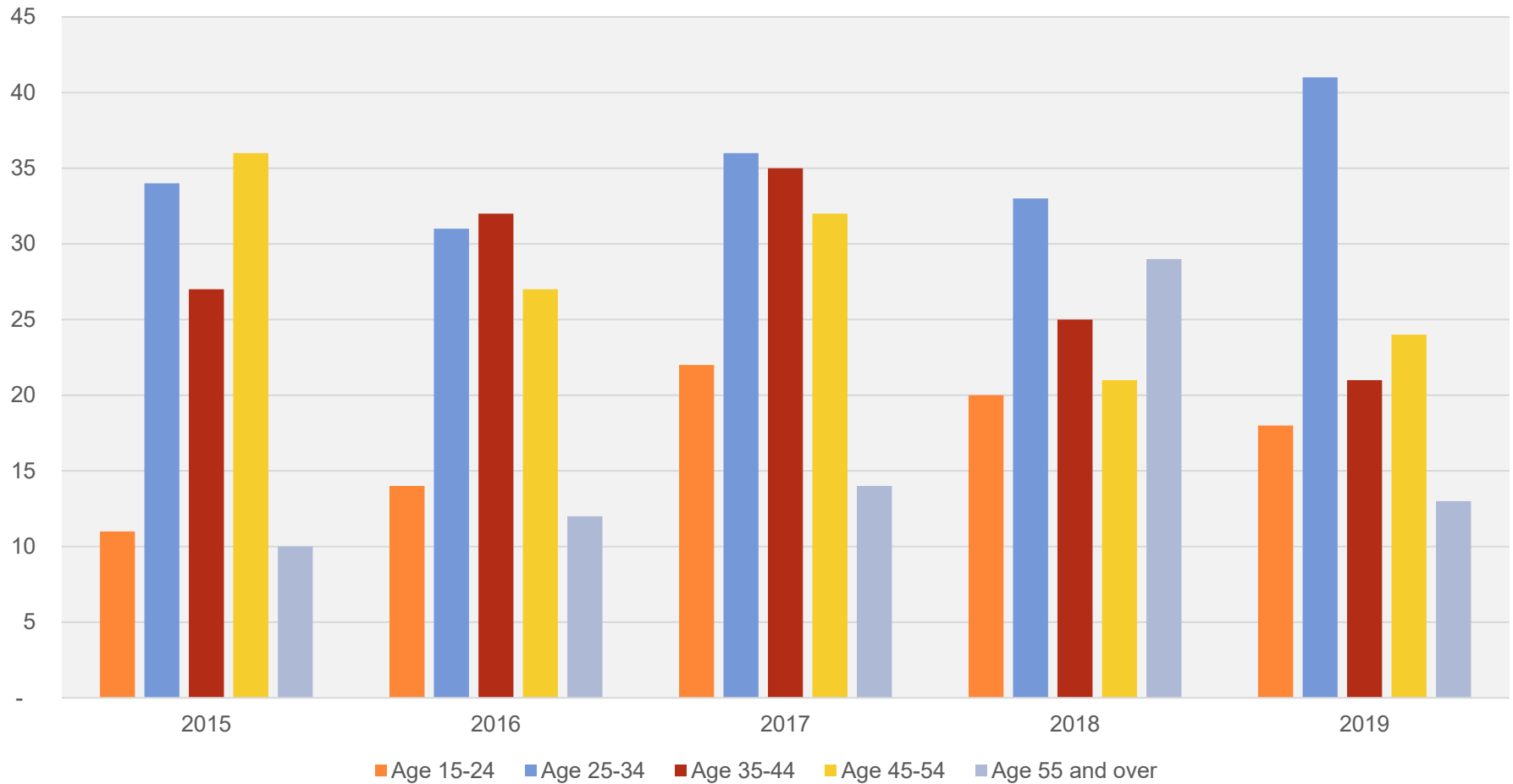
Rate Group 711 - ROADBUILDING AND EXCAVATING LTIs by Age Band for 2015-2019 based on March 2020 snapshot



MSD Breakdown by Age Band
Rate Group 711

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%	11	9.1%	34	28.1%	27	22.3%	36	29.8%	10	8.3%	-	0.0%
2016	-	0.0%	14	11.7%	31	25.8%	32	26.7%	27	22.5%	12	10.0%	-	0.0%
2017	-	0.0%	22	15.4%	36	25.2%	35	24.5%	32	22.4%	14	9.8%	-	0.0%
2018	-	0.0%	20	15.0%	33	24.8%	25	18.8%	21	15.8%	29	21.8%	-	0.0%
2019	-	0.0%	18	14.6%	41	33.3%	21	17.1%	24	19.5%	13	10.6%	-	0.0%

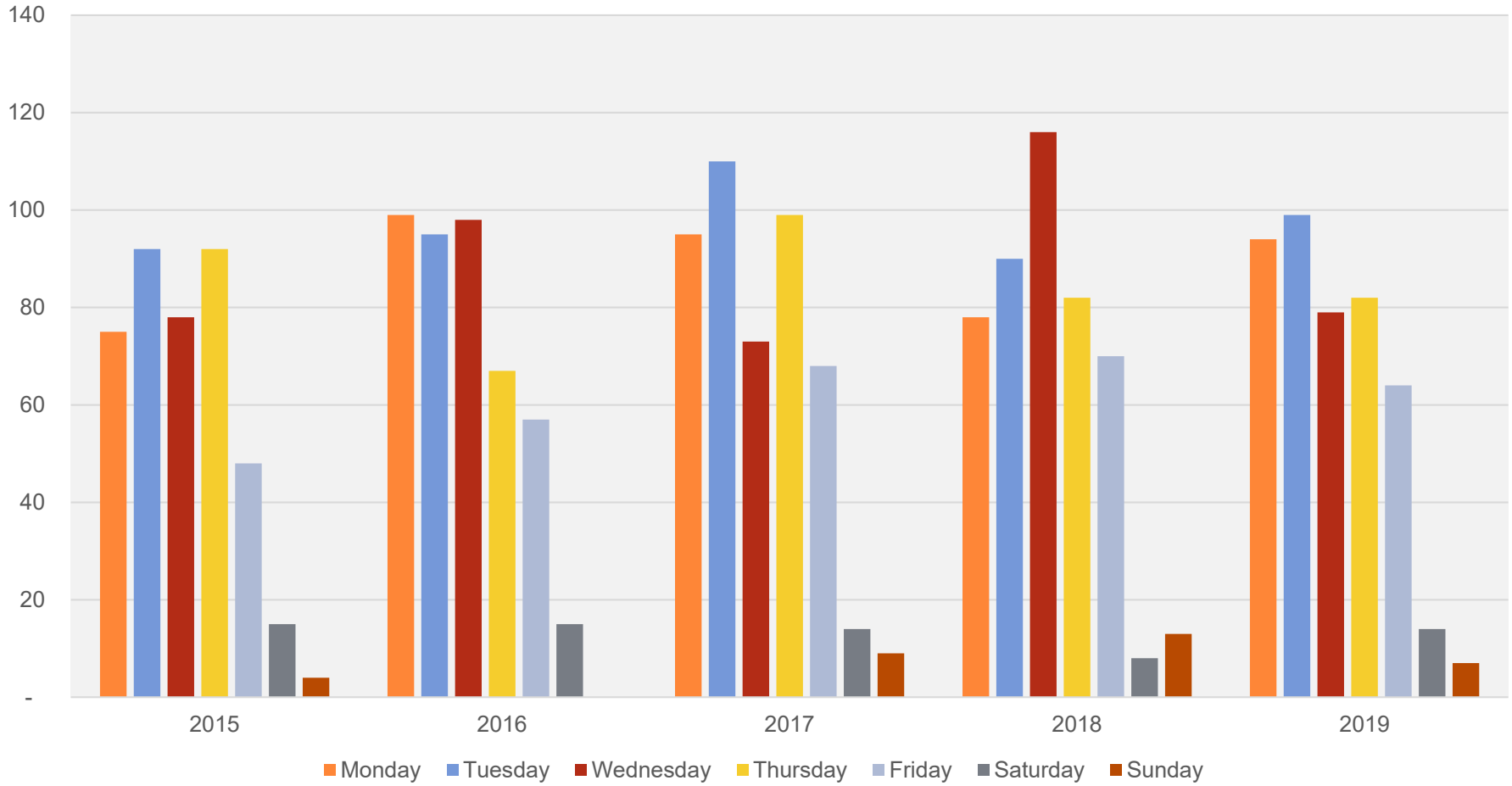
Rate Group 711 - ROADBUILDING AND EXCAVATING MSD by Age Band for for 2015-2019 based on March 2020 snapshot



LTI Breakdown by Day of Week
Rate Group 711

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	75	18.6%	92	22.8%	78	19.3%	92	22.8%	48	11.9%	15	3.7%	4	1.0%
2016	99	23.0%	95	22.0%	98	22.7%	67	15.5%	57	13.2%	15	3.5%	-	0.0%
2017	95	20.3%	110	23.5%	73	15.6%	99	21.2%	68	14.5%	14	3.0%	9	1.9%
2018	78	17.1%	90	19.7%	116	25.4%	82	17.9%	70	15.3%	8	1.8%	13	2.8%
2019	94	21.4%	99	22.6%	79	18.0%	82	18.7%	64	14.6%	14	3.2%	7	1.6%

Rate Group 711 - ROADBUILDING AND EXCAVATING LTIs by Day of Week for 2015-2019 based on March 2020 snapshot



LTI Breakdown By Month
Rate Group 711

Month	2015		2016		2017		2018		2019	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	16	4.0%	31	7.2%	20	4.3%	14	3.1%	16	3.6%
February	13	3.2%	16	3.7%	16	3.4%	20	4.4%	20	4.6%
March	12	3.0%	14	3.2%	25	5.3%	19	4.2%	26	5.9%
April	25	6.2%	18	4.2%	21	4.5%	21	4.6%	24	5.5%
May	41	10.1%	29	6.7%	52	11.1%	36	7.9%	34	7.7%
June	38	9.4%	54	12.5%	48	10.3%	55	12.0%	52	11.8%
July	44	10.9%	40	9.3%	50	10.7%	62	13.6%	69	15.7%
August	61	15.1%	53	12.3%	42	9.0%	64	14.0%	44	10.0%
September	51	12.6%	47	10.9%	53	11.3%	48	10.5%	45	10.3%
October	53	13.1%	48	11.1%	54	11.5%	57	12.5%	46	10.5%
November	32	7.9%	51	11.8%	63	13.5%	39	8.5%	49	11.2%
December	18	4.5%	30	7.0%	24	5.1%	22	4.8%	14	3.2%

Rate Group 711 - ROADBUILDING AND EXCAVATING LTIs by Month for 2015-2019 based on March 2020 snapshot

