

Rate Group 711 – Roadbuilding & Excavating

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 711				
		2018	2017	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)		4.25	4.33	-1.9%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)		2,111	2,050	3.0%
Traumatic Fatalities Count	Allowed	3	4	-
	Pending	0	0	-
LTI Rate		0.86	1.00	-13.6%
LTI Count		429	473	-9.3%
NLTI Count		1,679	1,573	6.7%
FTE		49,639	47,293	5.0%

Lost Time Injury Profile. Rate Group 711						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	127	0.26	149	0.32	-14.8%	-18.8%
Falls	74	0.15	82	0.17	-9.8%	-14.0%
Machinery	21	0.04	24	0.05	-12.5%	-16.6%
MVIs	27	0.05	19	0.04	42.1%	35.4%
Critical Injuries	31	0.06	40	0.08	-22.5%	-26.2%
New Worker	53	0.11	47	0.10	12.8%	7.4%
Young Worker	68	0.14	69	0.15	-1.4%	-6.1%

High Impact Claims. Rate Group 711						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	75	0.15	76	0.16	-1.3%	-6.0%
Shoulder	26	0.05	29	0.06	-10.3%	-14.6%
Fractures	61	0.12	61	0.13	0.0%	-4.7%
Total HI Claims	162	0.33	166	0.35	-2.4%	-7.0%

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, 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 711 – Roadbuilding & Excavating

Member Injury Performance Analysis for 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 711									
Year	LTIs			Non LTIs		Total*		Derived FTE	
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate		
2014	409	0.99	3	1,622	3.91	2,034	4.91		41,461
2015	400	0.90	3	1,566	3.53	1,969	4.43		44,404
2016	427	0.95	6	1,582	3.51	2,015	4.48		45,017
2017	473	1.00	4	1,573	3.33	2,050	4.33		47,293
2018	429	0.86	3	1,679	3.38	2,111	4.25		49,639

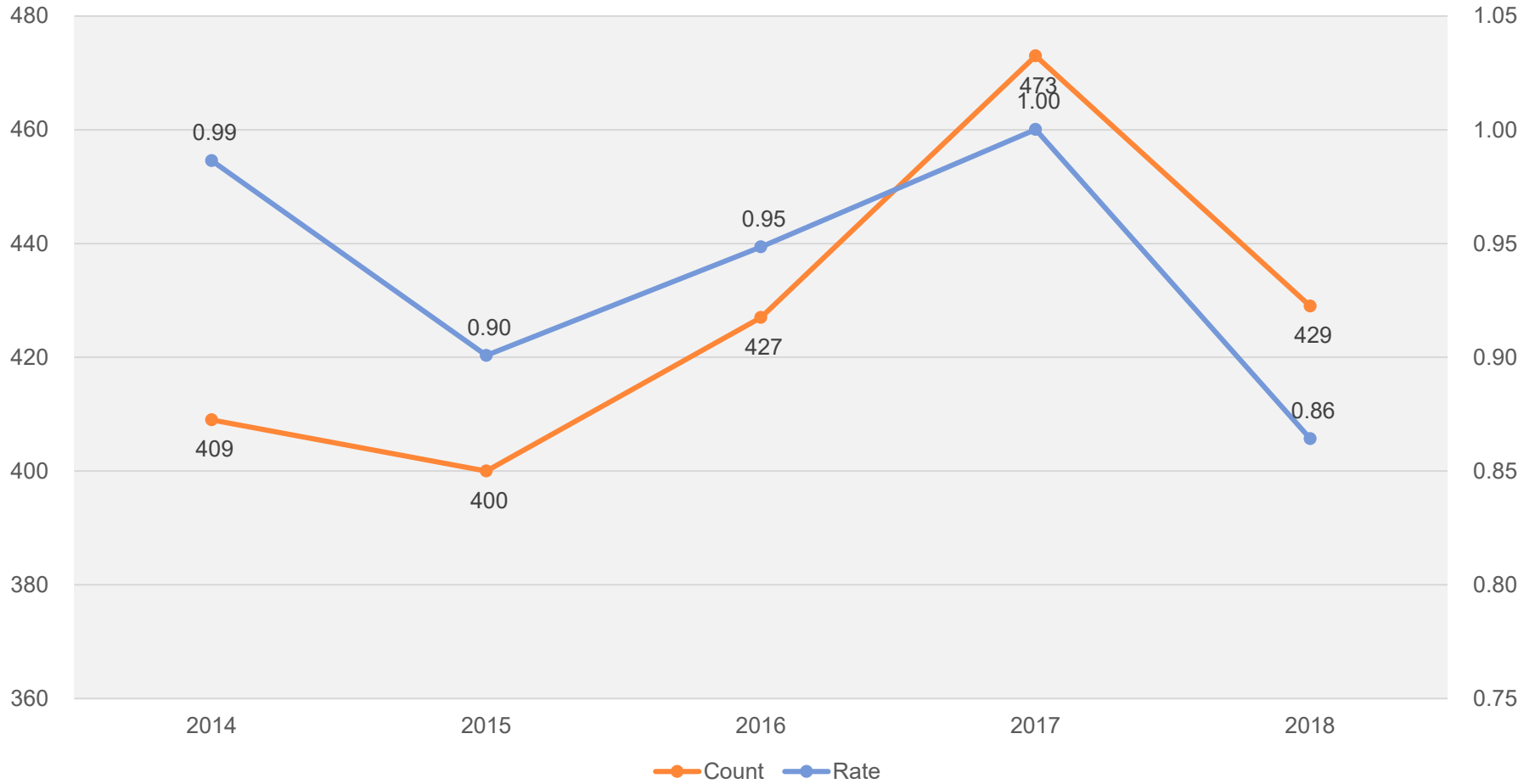
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

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
2014	131	0.32	86	0.21	14	0.03	15	0.04	31	0.07	54	0.13	65	0.16
2015	121	0.27	65	0.15	12	0.03	23	0.05	48	0.11	41	0.09	57	0.13
2016	118	0.26	79	0.18	27	0.06	23	0.05	48	0.11	44	0.10	66	0.15
2017	149	0.32	82	0.17	24	0.05	19	0.04	40	0.08	47	0.10	69	0.15
2018	127	0.26	74	0.15	21	0.04	27	0.05	31	0.06	53	0.11	68	0.14

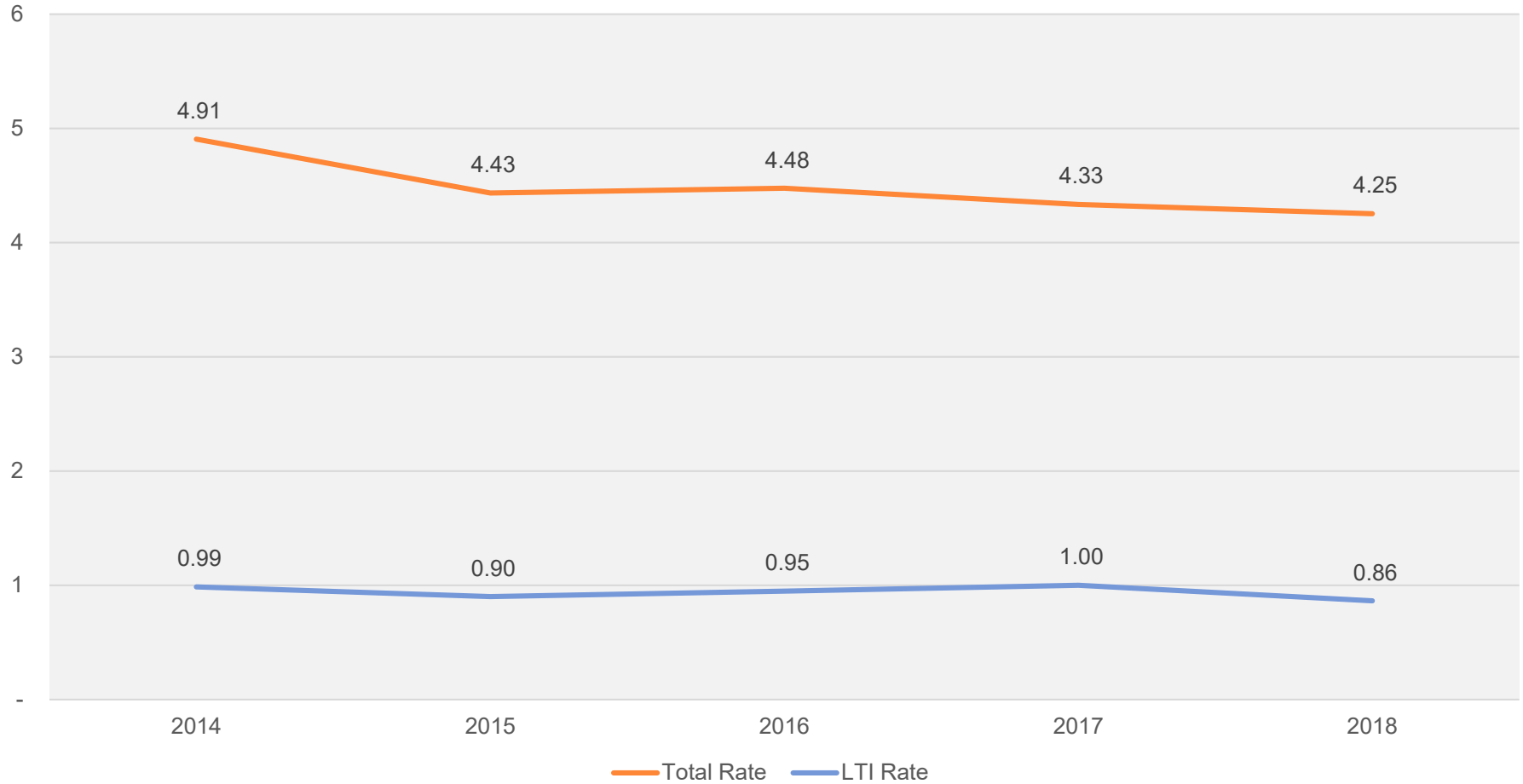
High Impact Lost-time Injury Profile
Rate Group 711

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	67	0.16	30	0.07	61	0.15	158	0.38
2015	66	0.15	13	0.03	55	0.12	134	0.30
2016	65	0.14	18	0.04	68	0.15	151	0.34
2017	76	0.16	29	0.06	61	0.13	166	0.35
2018	75	0.15	26	0.05	61	0.12	162	0.33

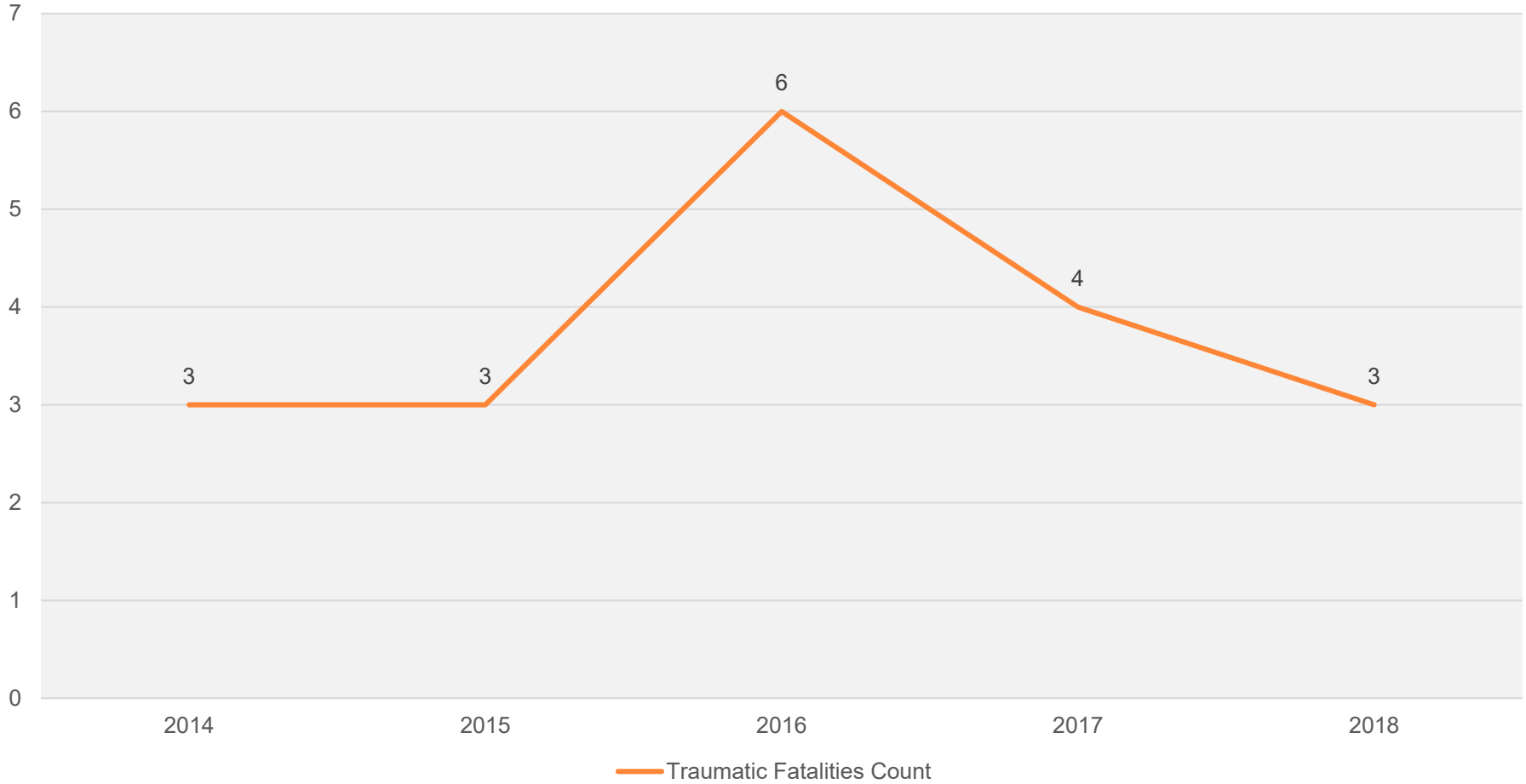
Rate Group 711 - ROADBUILDING AND EXCAVATING LTI Count and Rate for 2014-2018 based on March 2019 snapshot



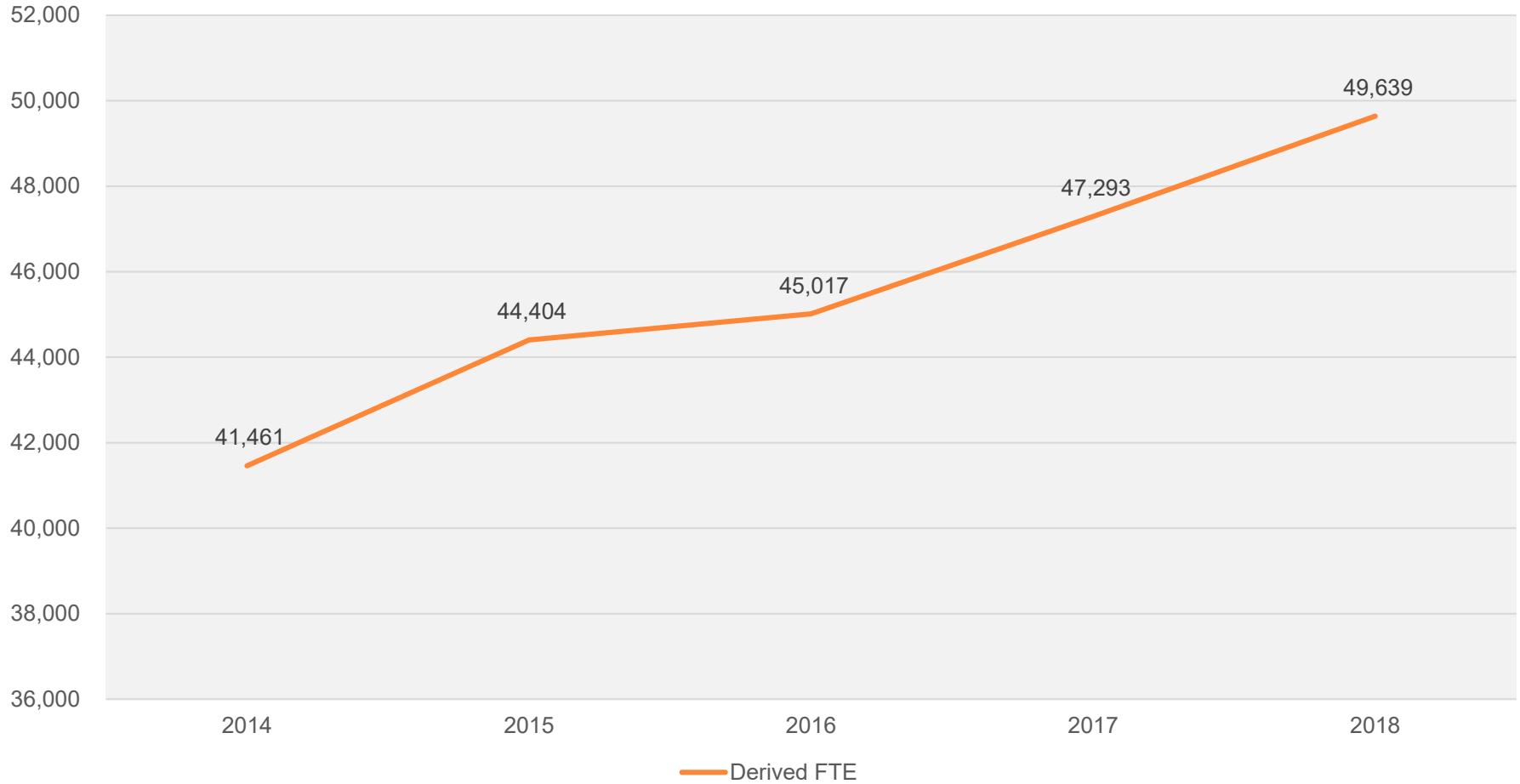
Rate Group 711 - ROADBUILDING AND EXCAVATING LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 711 - ROADBUILDING AND EXCAVATING Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



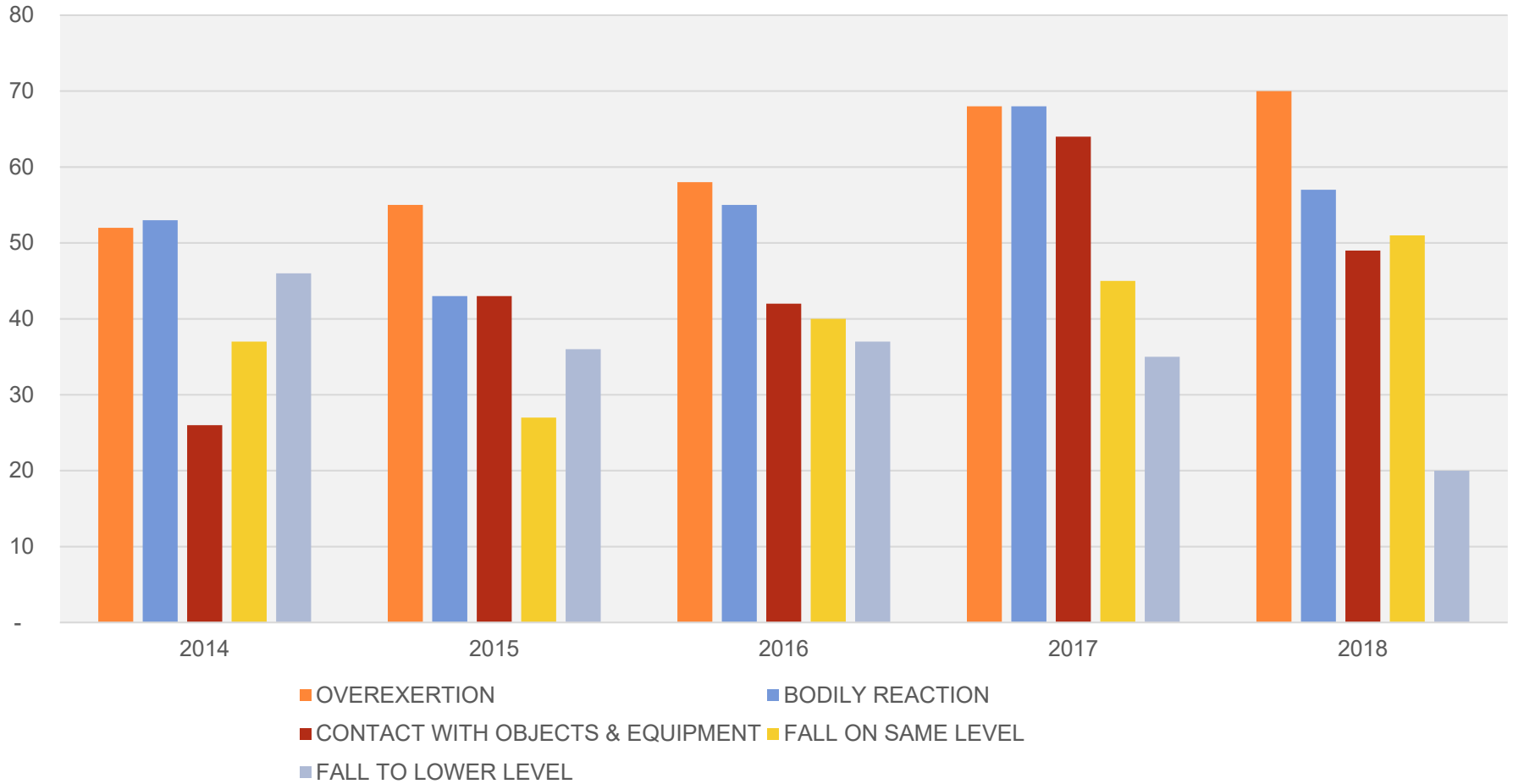
Rate Group 711 - ROADBUILDING AND EXCAVATING Derived FTE for 2014-2018 based on March 2019 snapshot



**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
2014	52	12.7%	53	13.0%	26	6.4%	37	9.0%	46	11.2%	214	52.3%
2015	55	13.8%	43	10.8%	43	10.8%	27	6.8%	36	9.0%	204	51.0%
2016	58	13.6%	55	12.9%	42	9.8%	40	9.4%	37	8.7%	232	54.3%
2017	68	14.4%	68	14.4%	64	13.5%	45	9.5%	35	7.4%	280	59.2%
2018	70	16.3%	57	13.3%	49	11.4%	51	11.9%	20	4.7%	247	57.6%

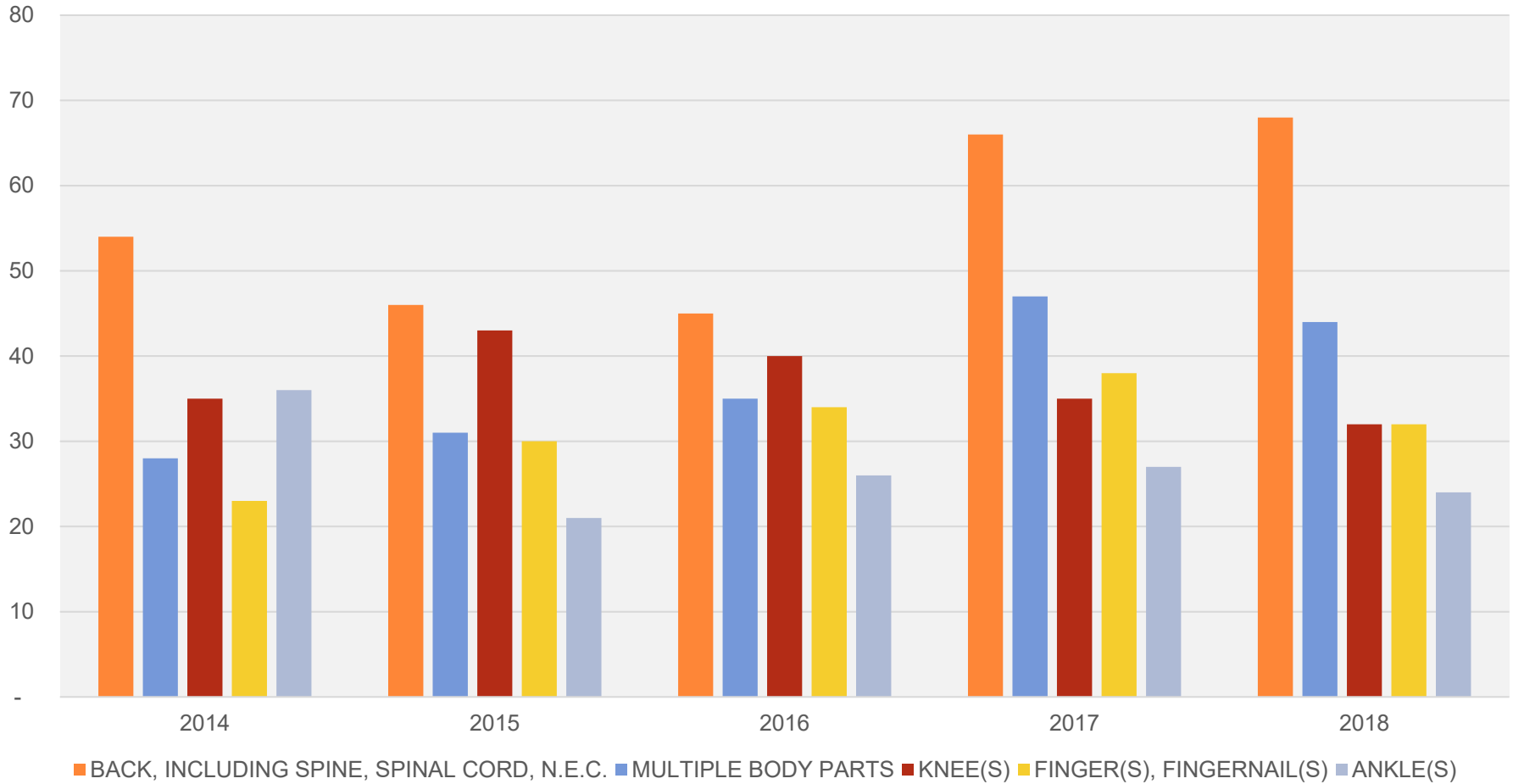
Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Incident Types for 2014-2018 based on March 2019 snapshot



**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
2014	54	13.2%	28	6.8%	35	8.6%	23	5.6%	36	8.8%	176	43.0%
2015	46	11.5%	31	7.8%	43	10.8%	30	7.5%	21	5.3%	171	42.8%
2016	45	10.5%	35	8.2%	40	9.4%	34	8.0%	26	6.1%	180	42.2%
2017	66	14.0%	47	9.9%	35	7.4%	38	8.0%	27	5.7%	213	45.0%
2018	68	15.9%	44	10.3%	32	7.5%	32	7.5%	24	5.6%	200	46.6%

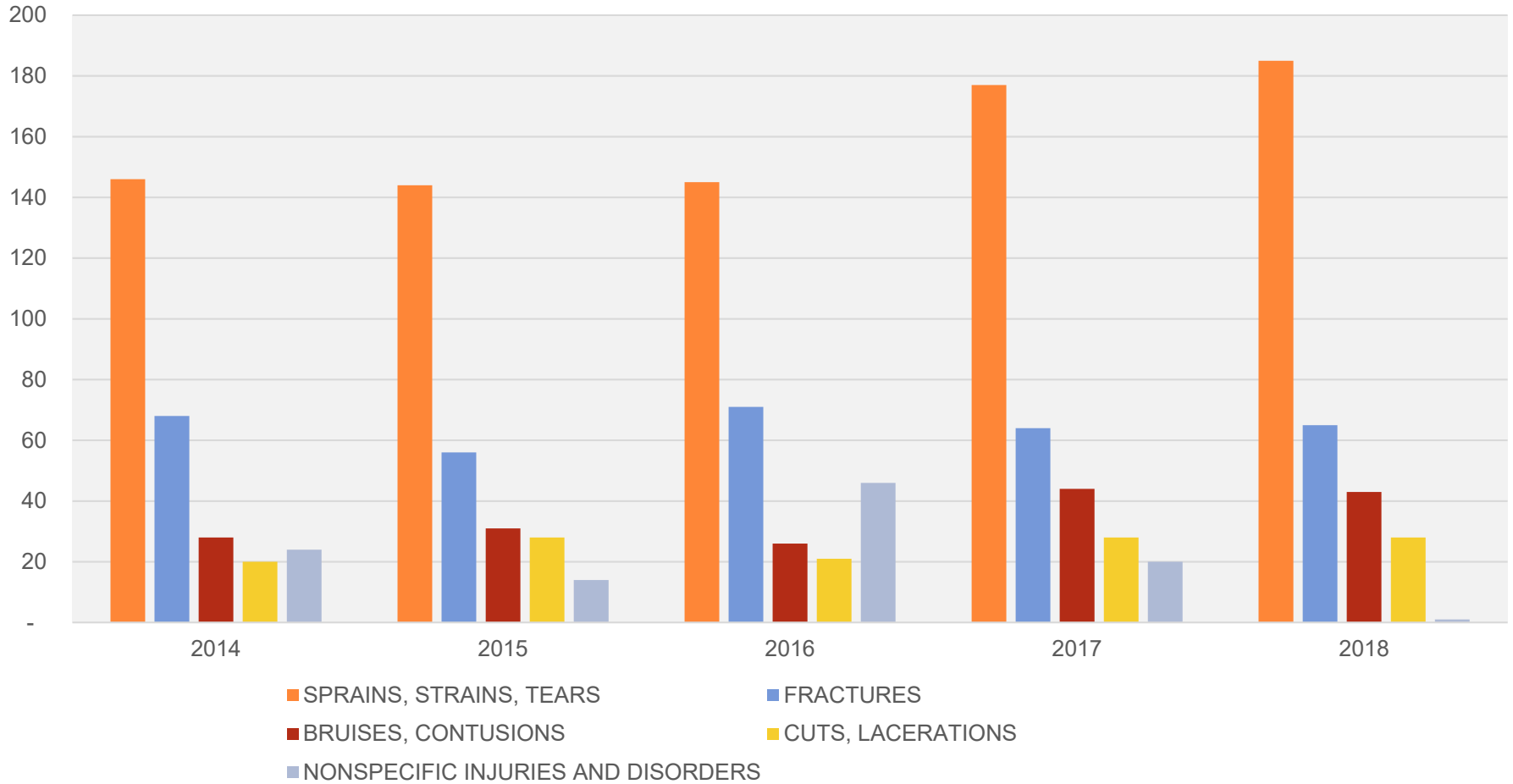
Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot



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

Year	SPRAINS, STRAINS, TEARS		FRACTURES		BRUISES, CONTUSIONS		CUTS, LACERATIONS		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	146	35.7%	68	16.6%	28	6.8%	20	4.9%	24	5.9%	286	69.9%
2015	144	36.0%	56	14.0%	31	7.8%	28	7.0%	14	3.5%	273	68.3%
2016	145	34.0%	71	16.6%	26	6.1%	21	4.9%	46	10.8%	309	72.4%
2017	177	37.4%	64	13.5%	44	9.3%	28	5.9%	20	4.2%	333	70.4%
2018	185	43.1%	65	15.2%	43	10.0%	28	6.5%	1	0.2%	322	75.1%

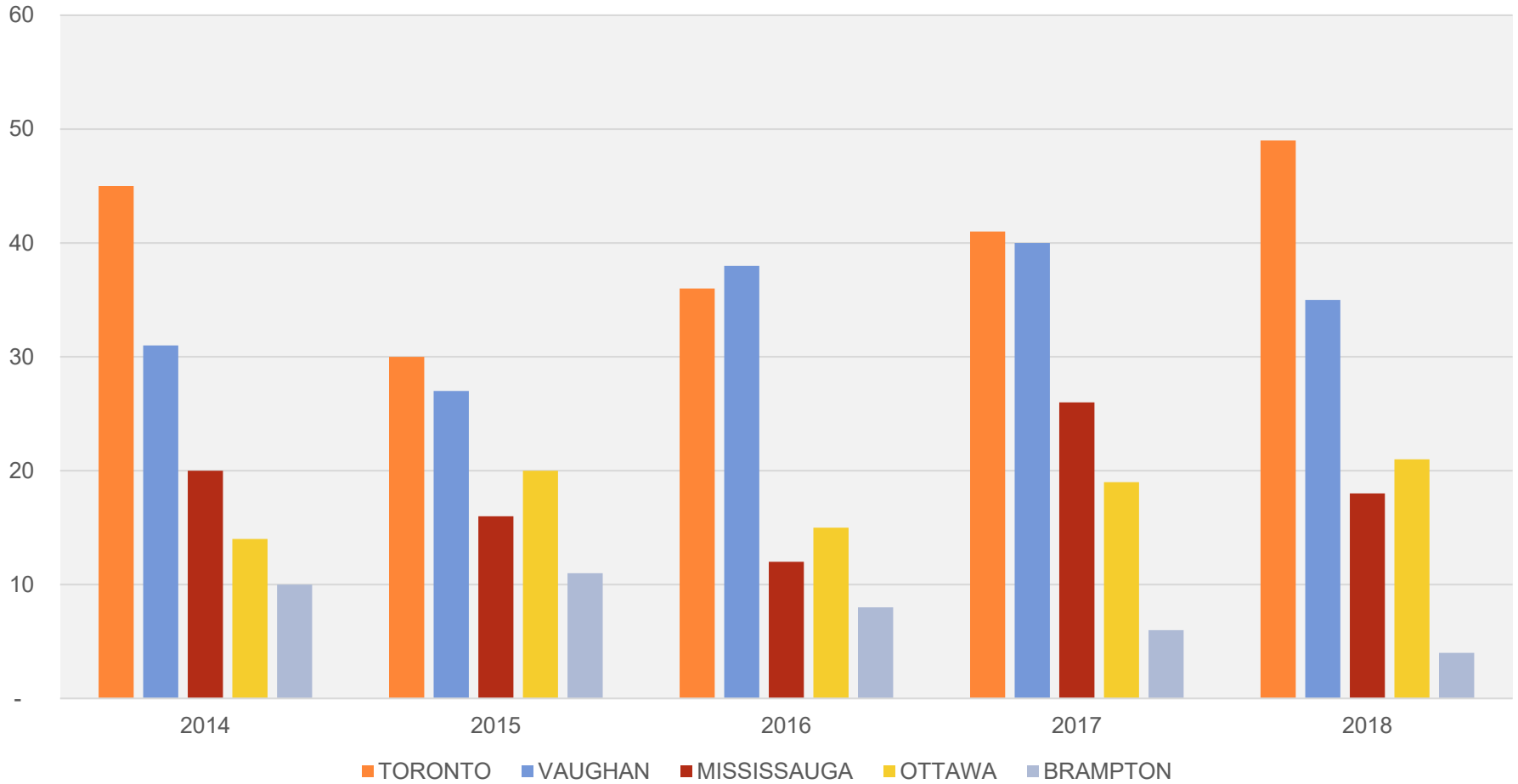
Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



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

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
2014	45	11.0%	31	7.6%	20	4.9%	14	3.4%	10	2.4%	120	29.3%
2015	30	7.5%	27	6.8%	16	4.0%	20	5.0%	11	2.8%	104	26.0%
2016	36	8.4%	38	8.9%	12	2.8%	15	3.5%	8	1.9%	109	25.5%
2017	41	8.7%	40	8.5%	26	5.5%	19	4.0%	6	1.3%	132	27.9%
2018	49	11.4%	35	8.2%	18	4.2%	21	4.9%	4	0.9%	127	29.6%

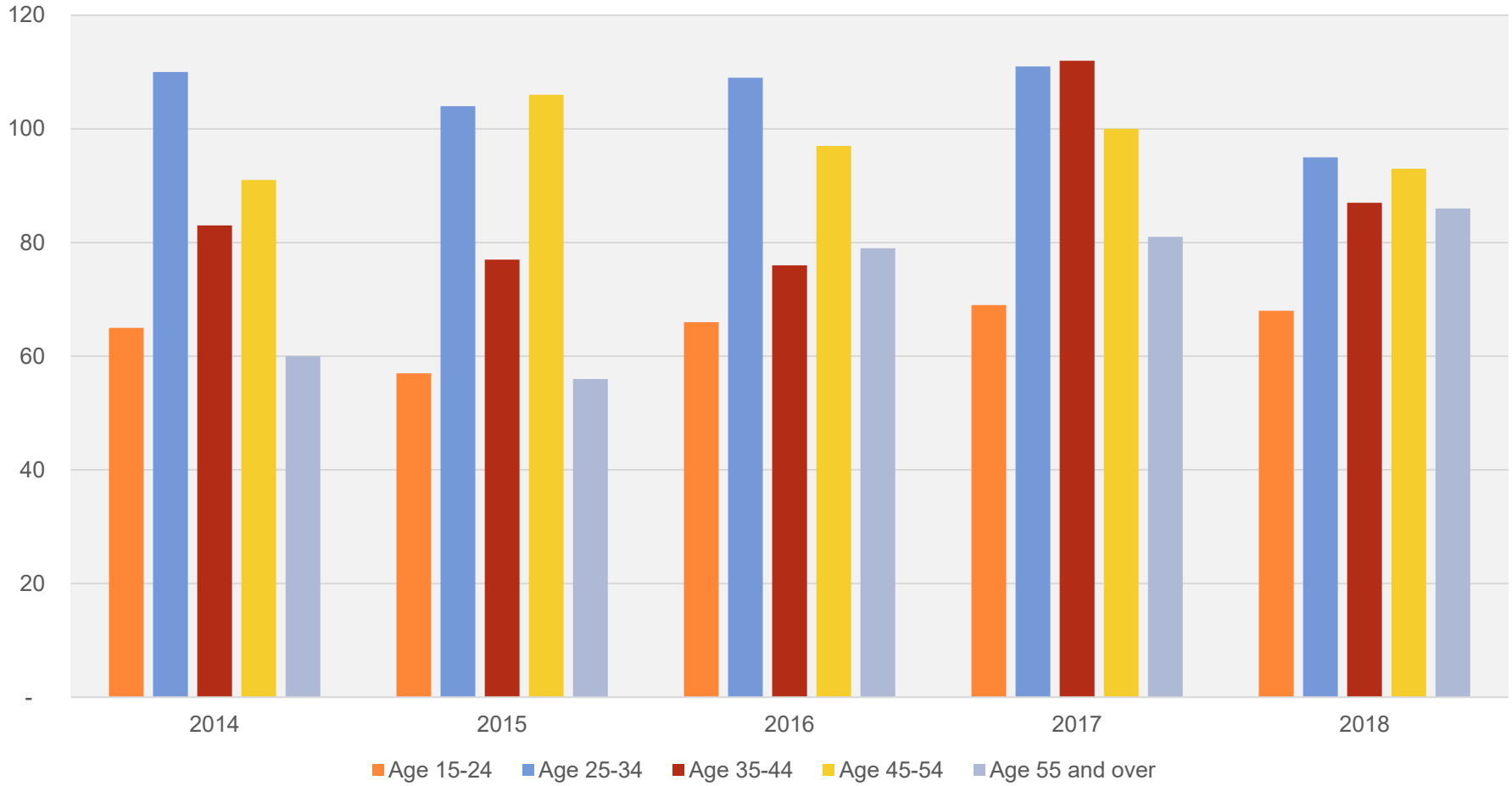
Rate Group 711 - ROADBUILDING AND EXCAVATING Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



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
2014	-	0.0%	65	15.9%	110	26.9%	83	20.3%	91	22.2%	60	14.7%	-	0.0%
2015	-	0.0%	57	14.3%	104	26.0%	77	19.3%	106	26.5%	56	14.0%	-	0.0%
2016	-	0.0%	66	15.5%	109	25.5%	76	17.8%	97	22.7%	79	18.5%	-	0.0%
2017	-	0.0%	69	14.6%	111	23.5%	112	23.7%	100	21.1%	81	17.1%	-	0.0%
2018	-	0.0%	68	15.9%	95	22.1%	87	20.3%	93	21.7%	86	20.0%	-	0.0%

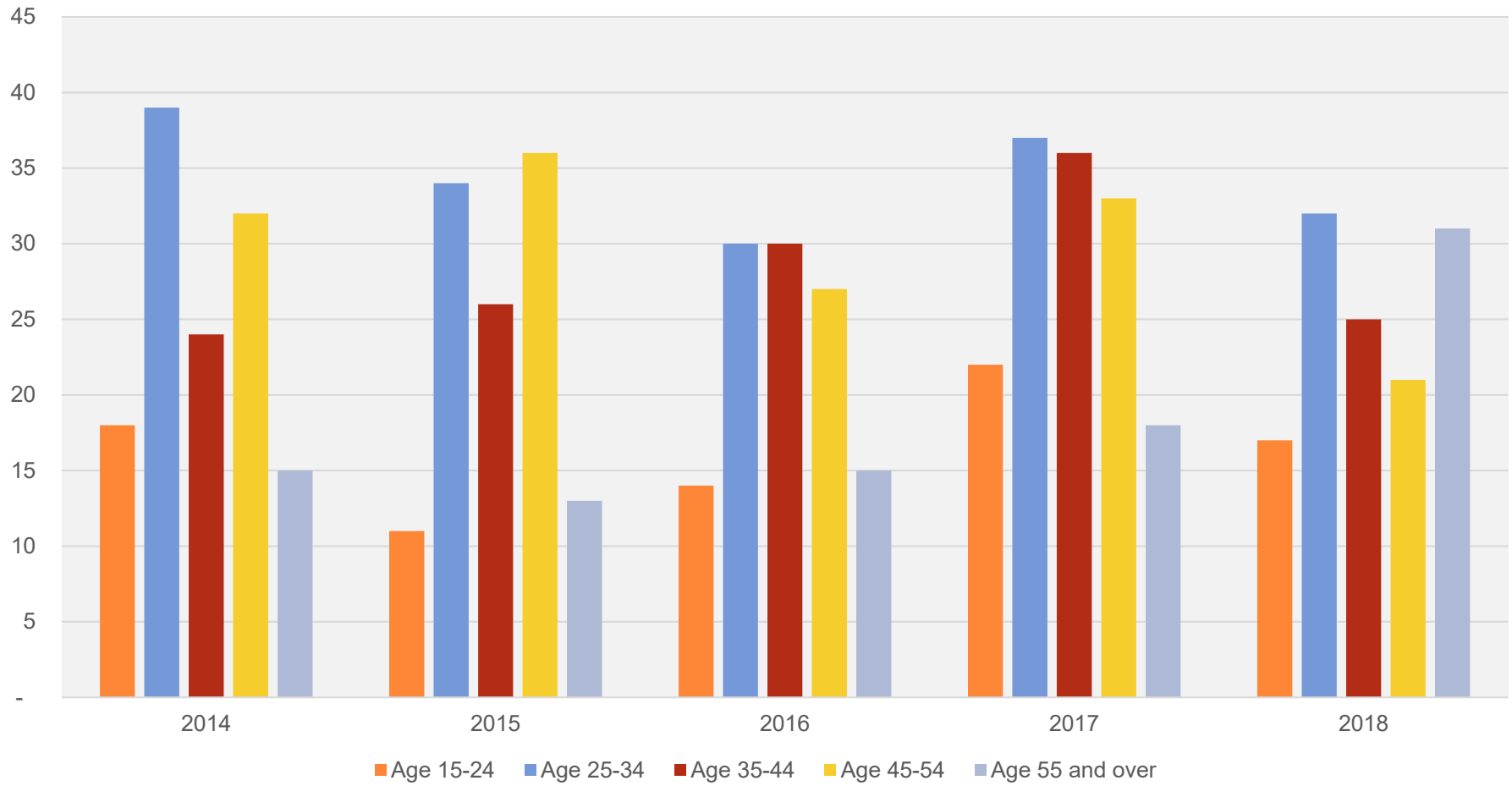
Rate Group 711 - ROADBUILDING AND EXCAVATING LTIs by Age Band for 2014-2018 based on March 2019 snapshot



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
2014	-	0.0%	18	14.1%	39	30.5%	24	18.8%	32	25.0%	15	11.7%	-	0.0%
2015	-	0.0%	11	9.2%	34	28.3%	26	21.7%	36	30.0%	13	10.8%	-	0.0%
2016	-	0.0%	14	12.1%	30	25.9%	30	25.9%	27	23.3%	15	12.9%	-	0.0%
2017	-	0.0%	22	15.1%	37	25.3%	36	24.7%	33	22.6%	18	12.3%	-	0.0%
2018	-	0.0%	17	13.5%	32	25.4%	25	19.8%	21	16.7%	31	24.6%	-	0.0%

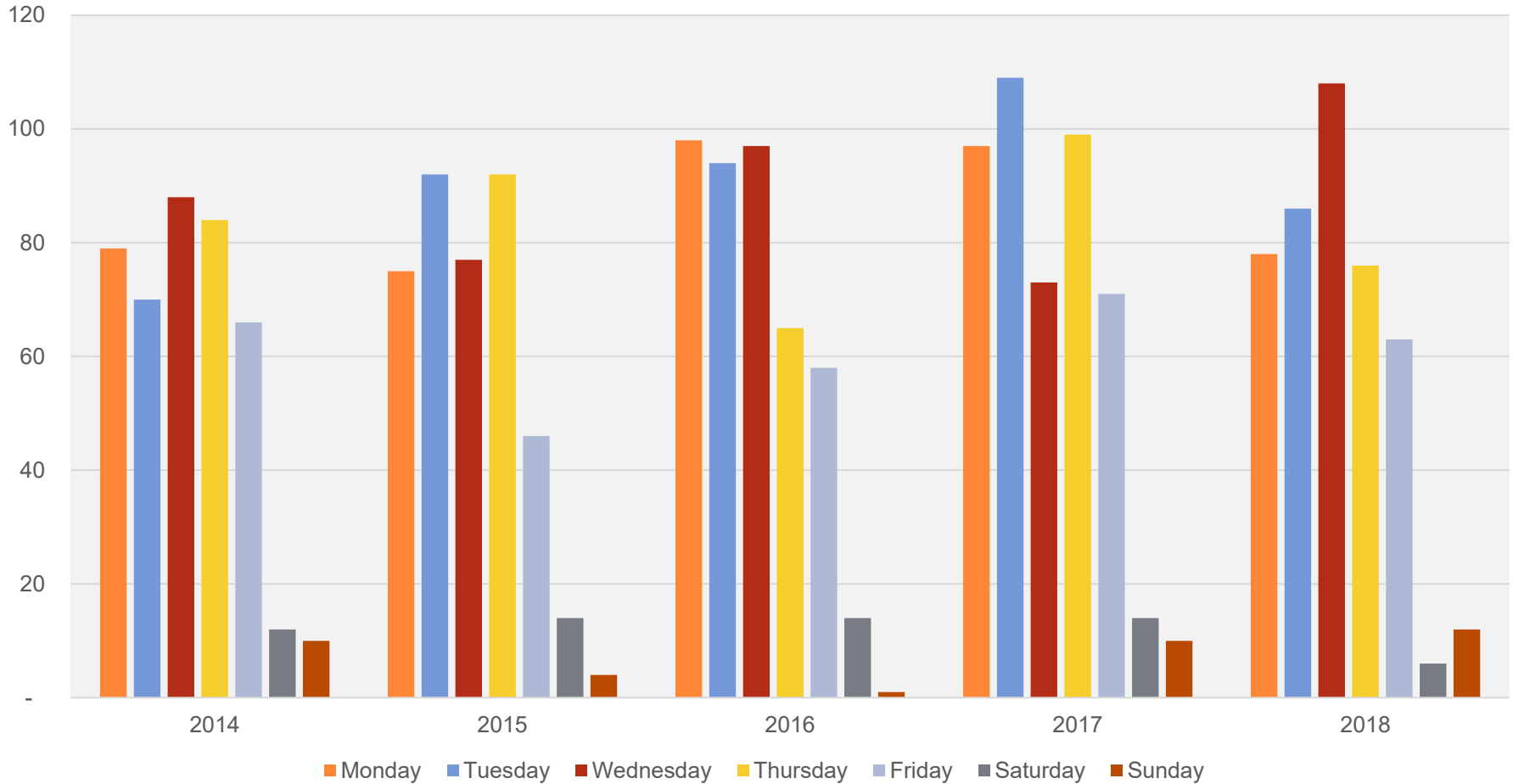
Rate Group 711 - ROADBUILDING AND EXCAVATING MSD by Age Band for for 2014-2018 based on March 2019 snapshot



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
2014	79	19.3%	70	17.1%	88	21.5%	84	20.5%	66	16.1%	12	2.9%	10	2.4%
2015	75	18.8%	92	23.0%	77	19.3%	92	23.0%	46	11.5%	14	3.5%	4	1.0%
2016	98	23.0%	94	22.0%	97	22.7%	65	15.2%	58	13.6%	14	3.3%	1	0.2%
2017	97	20.5%	109	23.0%	73	15.4%	99	20.9%	71	15.0%	14	3.0%	10	2.1%
2018	78	18.2%	86	20.0%	108	25.2%	76	17.7%	63	14.7%	6	1.4%	12	2.8%

Rate Group 711 - ROADBUILDING AND EXCAVATING LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 711

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	22	5.4%	16	4.0%	31	7.3%	20	4.2%	14	3.3%
February	16	3.9%	13	3.3%	16	3.7%	15	3.2%	20	4.7%
March	10	2.4%	12	3.0%	14	3.3%	25	5.3%	19	4.4%
April	16	3.9%	25	6.3%	17	4.0%	21	4.4%	21	4.9%
May	32	7.8%	40	10.0%	29	6.8%	53	11.2%	37	8.6%
June	47	11.5%	38	9.5%	53	12.4%	48	10.1%	50	11.7%
July	71	17.4%	44	11.0%	40	9.4%	50	10.6%	57	13.3%
August	54	13.2%	60	15.0%	53	12.4%	43	9.1%	55	12.8%
September	50	12.2%	50	12.5%	46	10.8%	52	11.0%	48	11.2%
October	40	9.8%	52	13.0%	47	11.0%	54	11.4%	53	12.4%
November	34	8.3%	32	8.0%	50	11.7%	65	13.7%	36	8.4%
December	17	4.2%	18	4.5%	31	7.3%	27	5.7%	19	4.4%

Rate Group 711 - ROADBUILDING AND EXCAVATING LTIs by Month for 2014-2018 based on March 2019 snapshot

