

Rate Group 689 – Waste Materials Recycling

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 689				
	2018	2017	% Change	
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)	8.35	8.26	1.1%	
Total Injury Count (LTIs+NLTIs+Tr Fatalities)	811	851	-4.7%	
Traumatic Fatalities Count	Allowed	0	1	-
	Pending	0	0	-
LTI Rate	2.45	2.27	7.9%	
LTI Count	238	234	1.7%	
NLTI Count	573	616	-7.0%	
FTE	9,708	10,301	-5.8%	

Lost Time Injury Profile. Rate Group 689						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	65	0.67	71	0.69	-8.5%	-2.9%
Falls	46	0.47	49	0.48	-6.1%	-0.4%
Machinery	16	0.16	15	0.15	6.7%	13.2%
MVIs	3	0.03	2	0.02	50.0%	59.2%
Critical Injuries	21	0.22	20	0.19	5.0%	11.4%
New Worker	15	0.15	11	0.11	36.4%	44.7%
Young Worker	33	0.34	40	0.39	-17.5%	-12.5%

High Impact Claims. Rate Group 689						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	30	0.31	36	0.35	-16.7%	-11.6%
Shoulder	15	0.15	12	0.12	25.0%	32.6%
Fractures	13	0.13	18	0.17	-27.8%	-23.4%
Total HI Claims	58	0.60	66	0.64	-12.1%	-6.7%

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 689 – Waste Materials Recycling

Member Injury Performance Analysis for 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 689								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2014	218	2.18	0	569	5.69	787	7.87	10,003
2015	230	2.29	1	575	5.73	806	8.03	10,037
2016	212	2.17	0	597	6.11	809	8.28	9,776
2017	234	2.27	1	616	5.98	851	8.26	10,301
2018	238	2.45	0	573	5.90	811	8.35	9,708

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

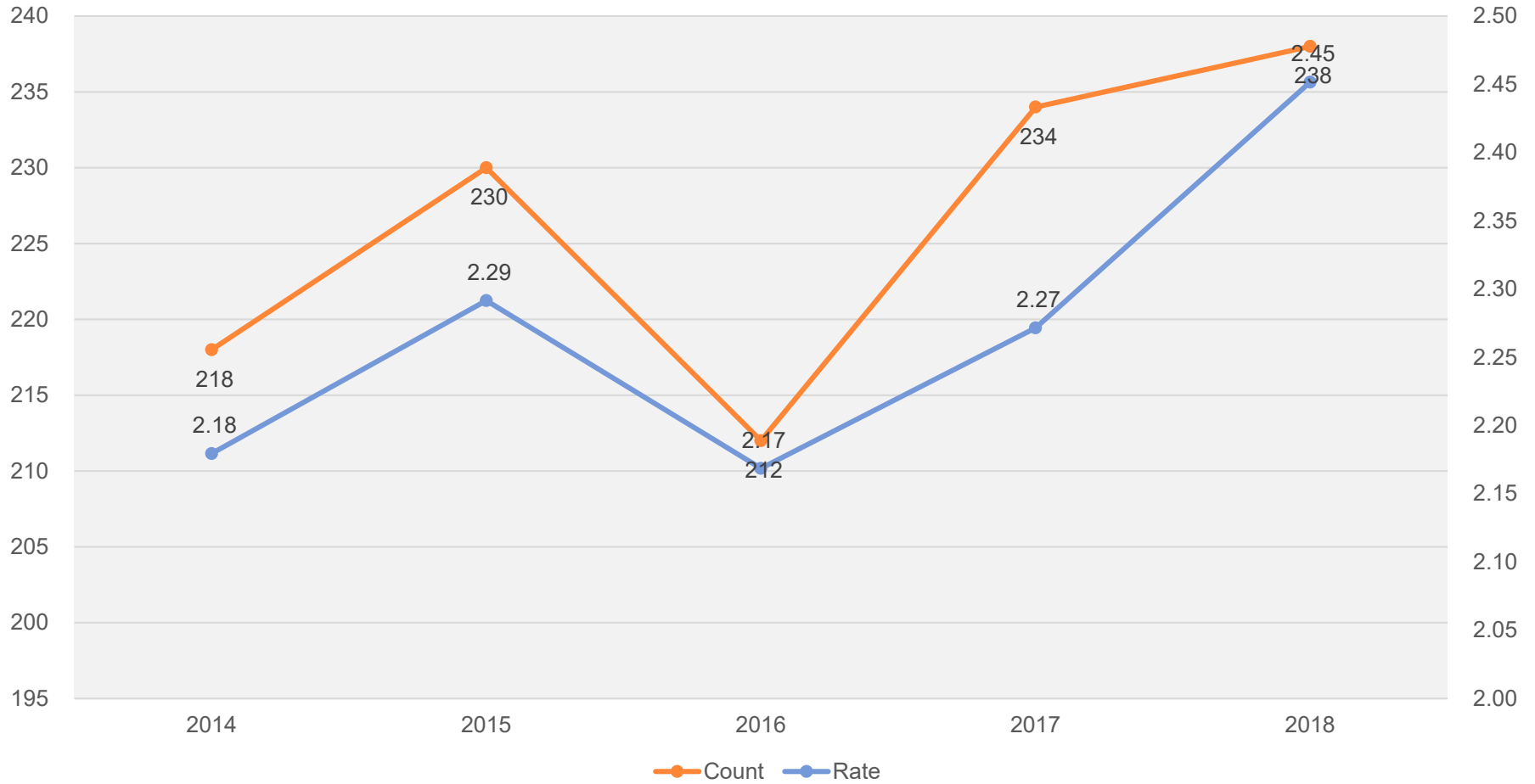
Lost-time Injury Profile Rate Group 689														
Year	MSDs		Falls		Machinery		MVIs		Critical Injuries		New Worker		Young Worker	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	93	0.93	34	0.34	14	0.14	7	0.07	13	0.13	11	0.11	32	0.32
2015	91	0.91	33	0.33	17	0.17	3	0.03	14	0.14	11	0.11	24	0.24
2016	88	0.90	33	0.34	12	0.12	3	0.03	9	0.09	13	0.13	31	0.32
2017	71	0.69	49	0.48	15	0.15	2	0.02	20	0.19	11	0.11	40	0.39
2018	65	0.67	46	0.47	16	0.16	3	0.03	21	0.22	15	0.15	33	0.34

High Impact Lost-time Injury Profile
Rate Group 689

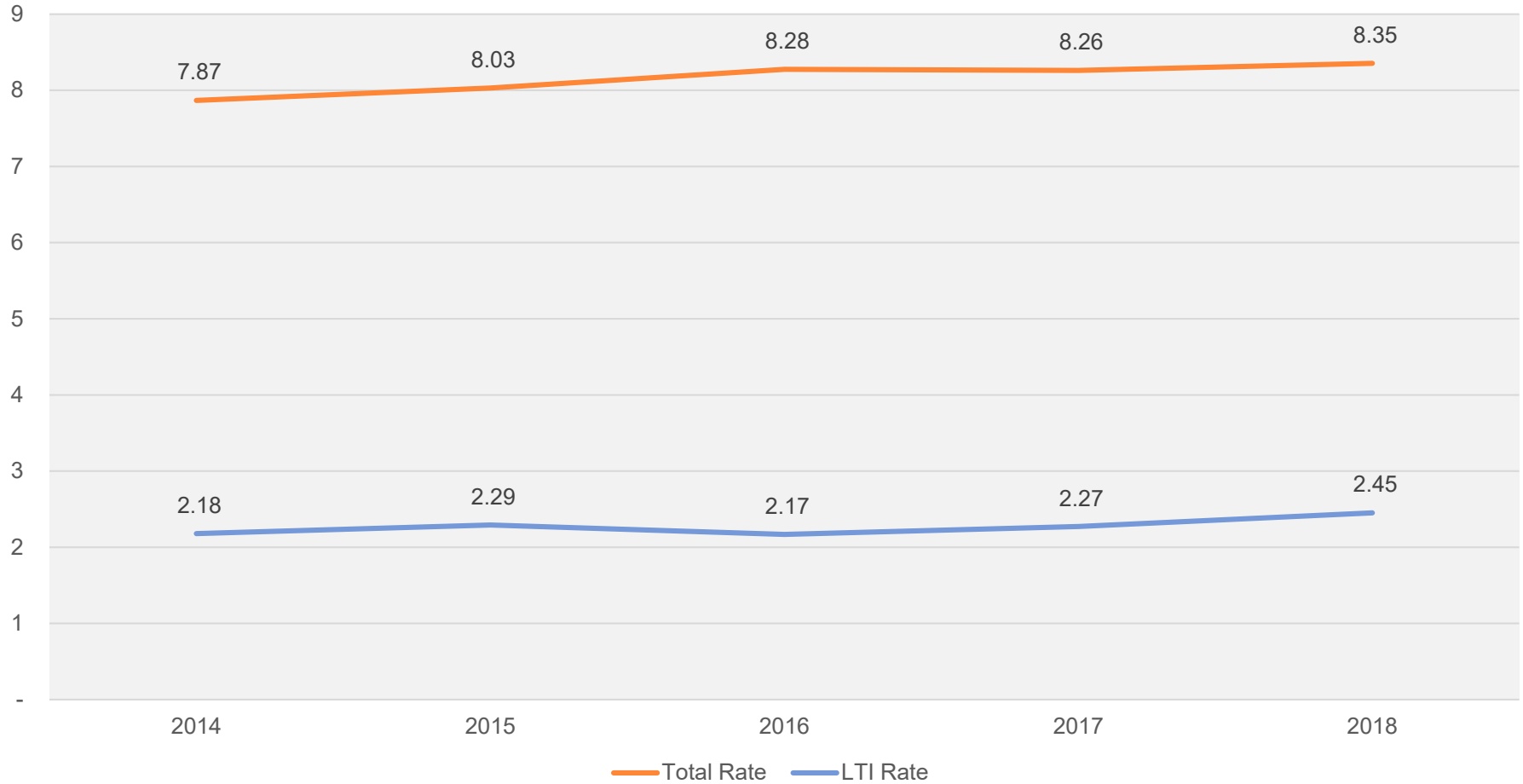
Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	50	0.50	19	0.19	19	0.19	88	0.88
2015	40	0.40	18	0.18	23	0.23	81	0.81
2016	46	0.47	13	0.13	22	0.23	81	0.83
2017	36	0.35	12	0.12	18	0.17	66	0.64
2018	30	0.31	15	0.15	13	0.13	58	0.60

Rate Group 689 - WASTE MATERIALS RECYCLING

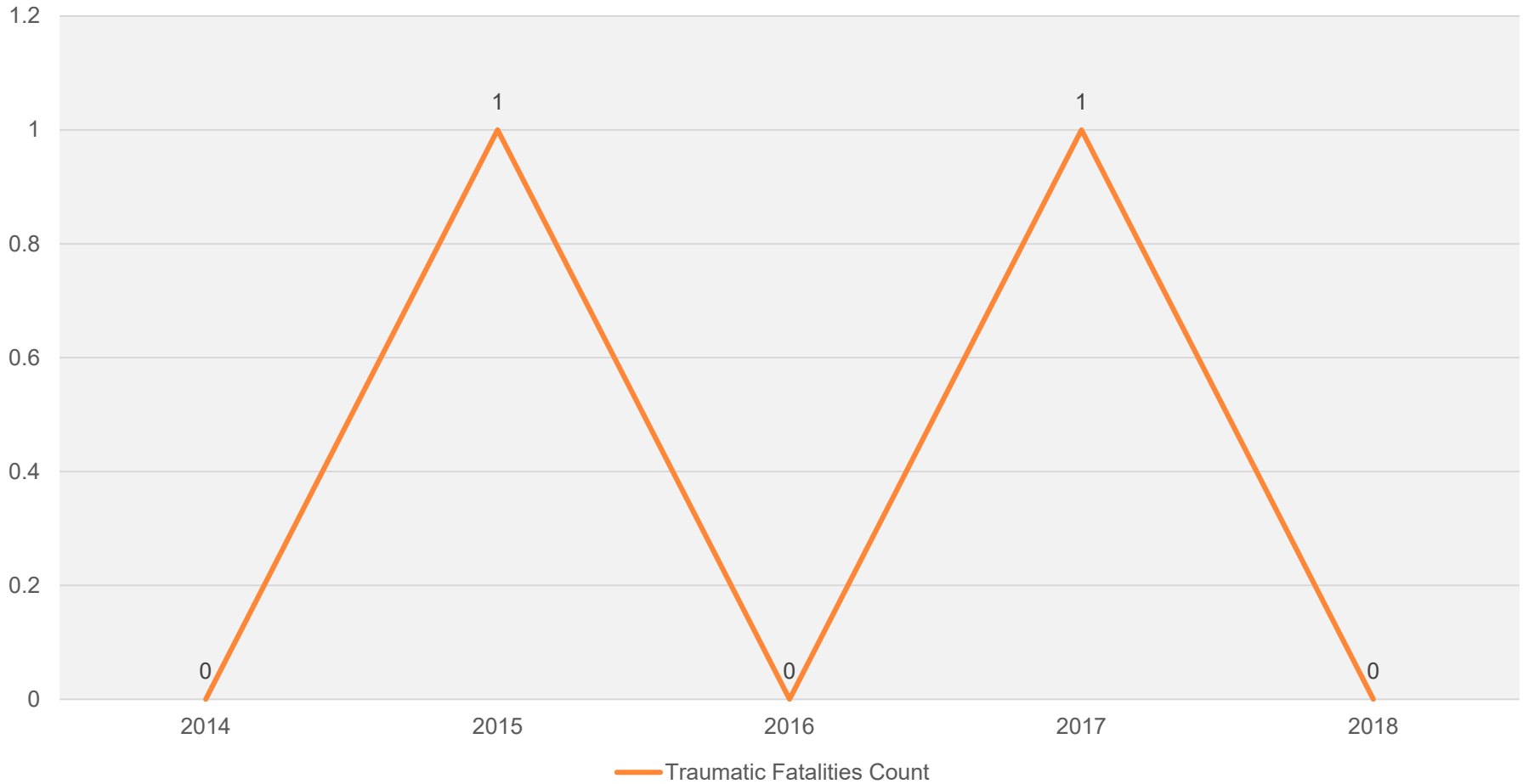
LTI Count and Rate for 2014-2018 based on March 2019 snapshot



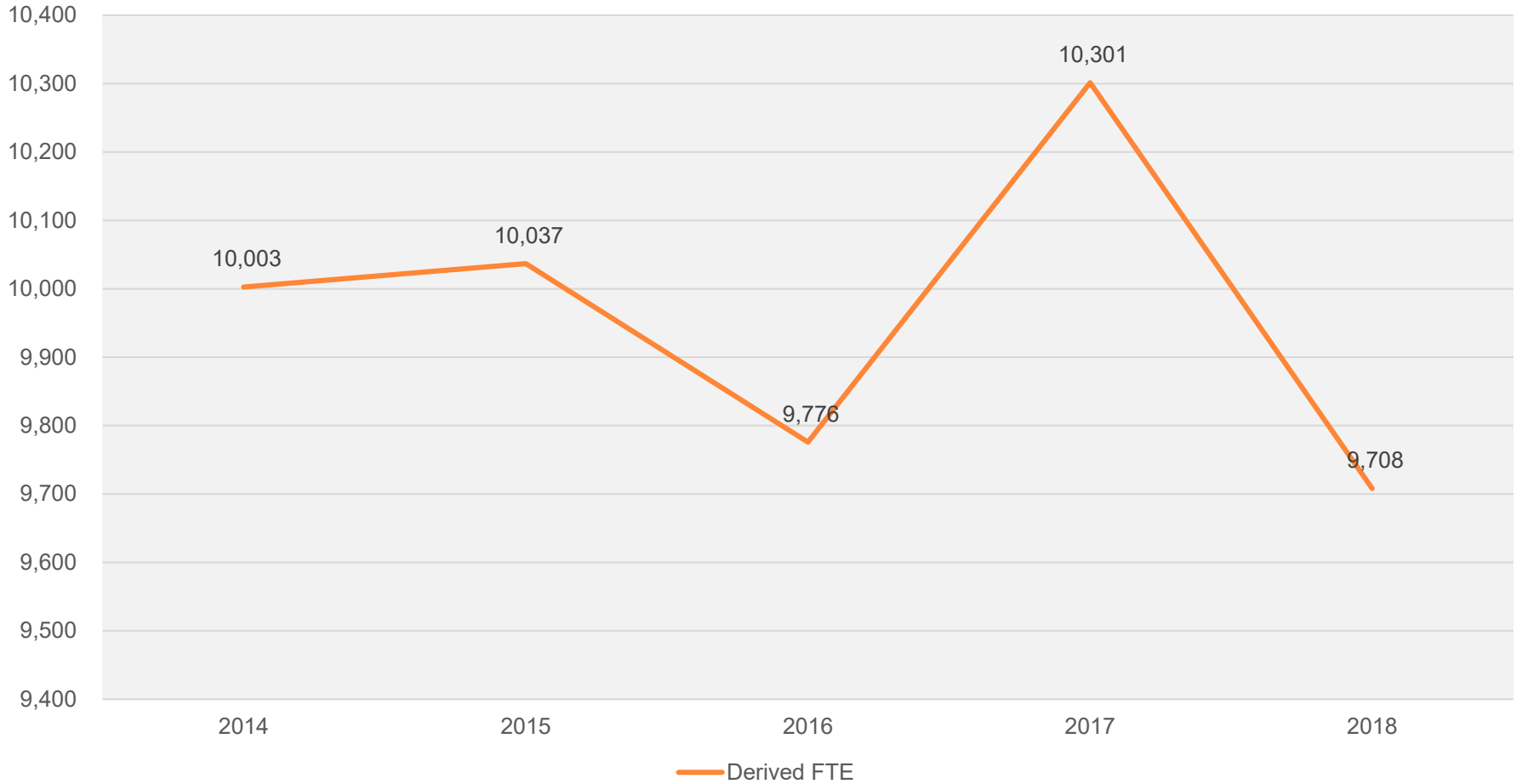
Rate Group 689 - WASTE MATERIALS RECYCLING LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 689 - WASTE MATERIALS RECYCLING Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



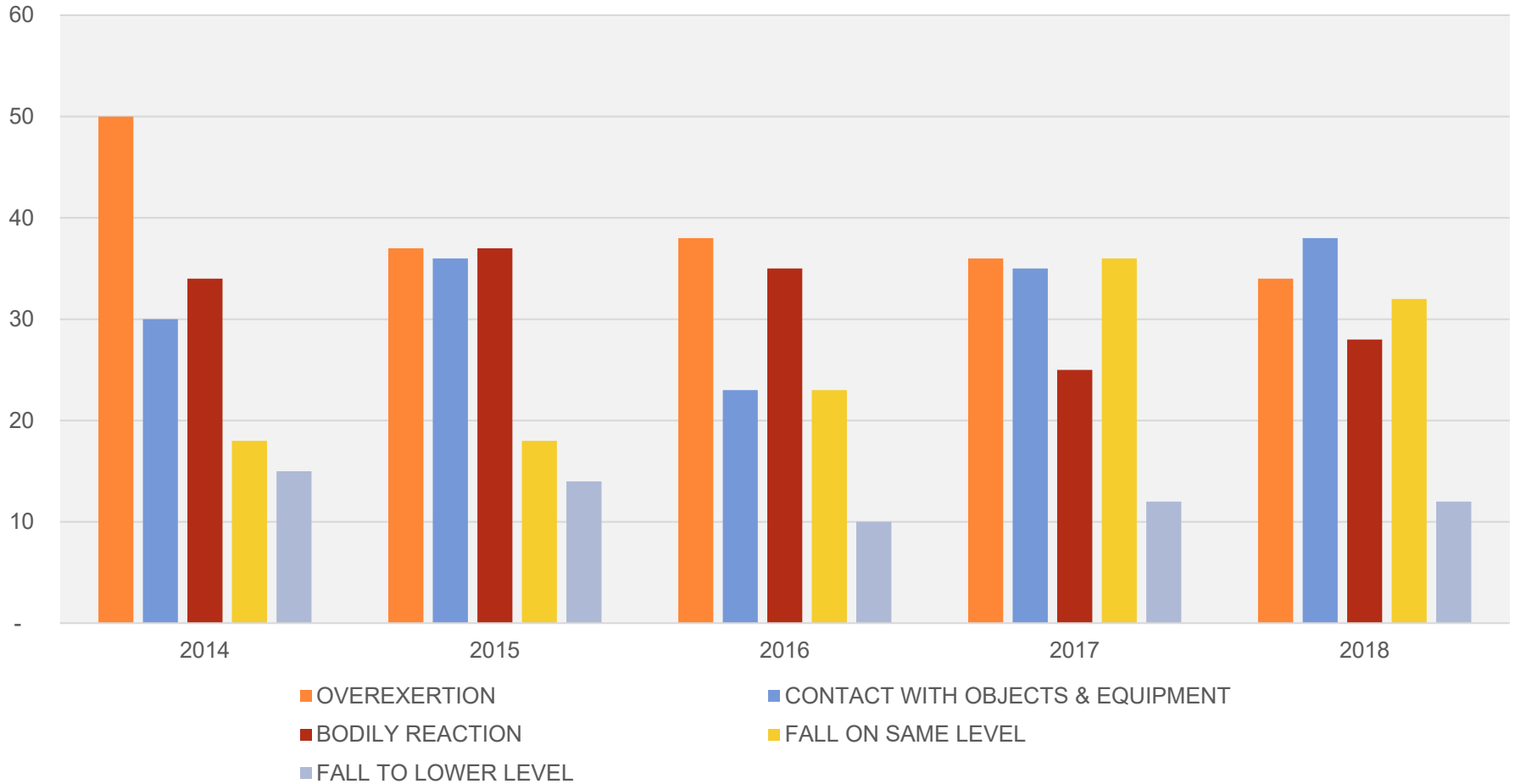
Rate Group 689 - WASTE MATERIALS RECYCLING Derived FTE for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Types
Rate Group 689**

Year	OVEREXERTION		CONTACT WITH OBJECTS & EQUIPMENT		BODILY REACTION		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	50	22.9%	30	13.8%	34	15.6%	18	8.3%	15	6.9%	147	67.4%
2015	37	16.1%	36	15.7%	37	16.1%	18	7.8%	14	6.1%	142	61.7%
2016	38	17.9%	23	10.8%	35	16.5%	23	10.8%	10	4.7%	129	60.8%
2017	36	15.4%	35	15.0%	25	10.7%	36	15.4%	12	5.1%	144	61.5%
2018	34	14.3%	38	16.0%	28	11.8%	32	13.4%	12	5.0%	144	60.5%

Rate Group 689 - WASTE MATERIALS RECYCLING Top 5 Incident Types for 2014-2018 based on March 2019 snapshot

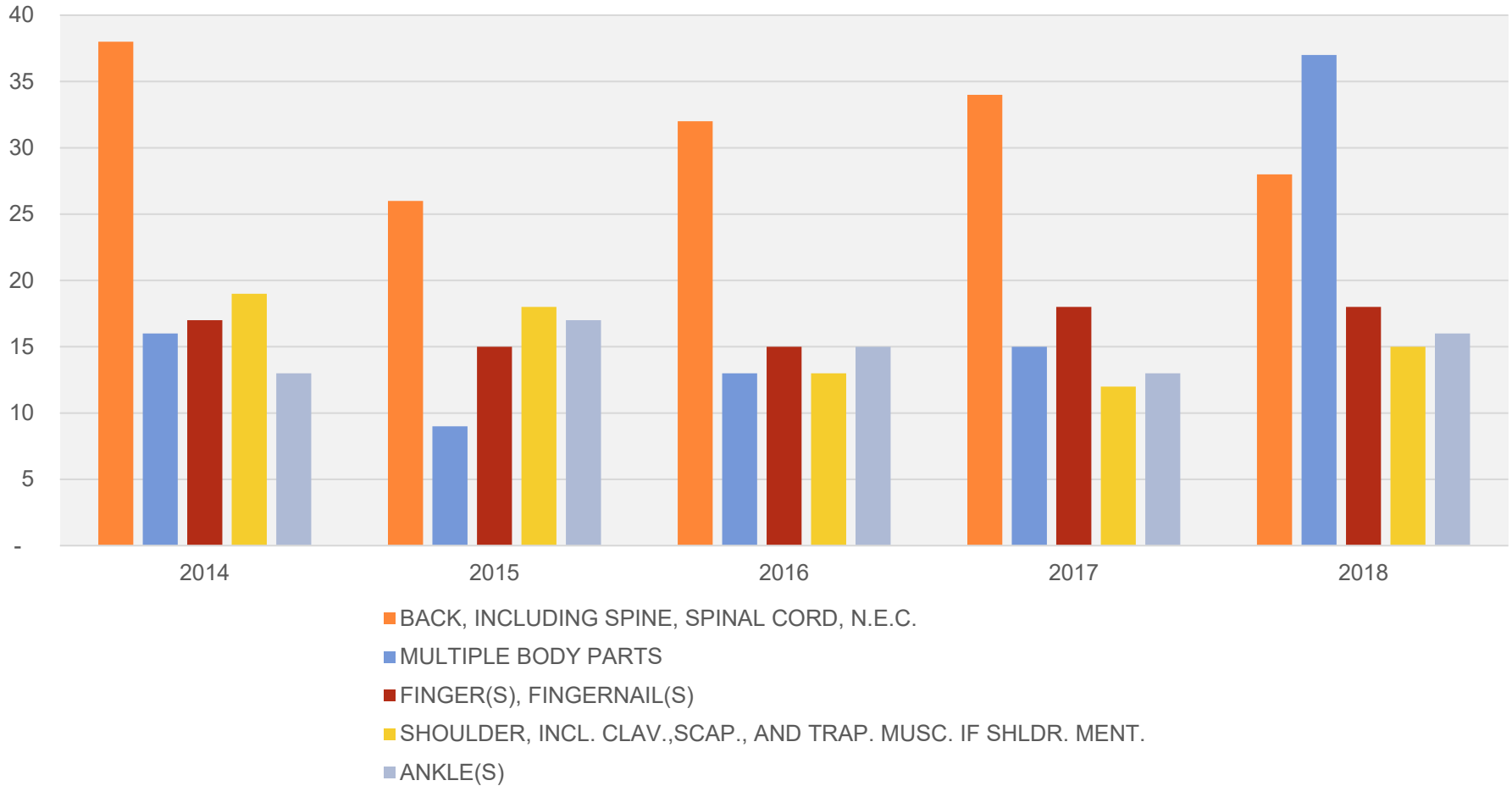


**Top 5 Most Common Parts of Body Injured
Rate Group 689**

Year	BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		MULTIPLE BODY PARTS		FINGER(S), FINGERNAIL(S)		SHOULDER, INCL. CLAV., SCAP., AND TRAP. MUSC. IF SHLDR. MENT.		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	38	17.4%	16	7.3%	17	7.8%	19	8.7%	13	6.0%	103	47.2%
2015	26	11.3%	9	3.9%	15	6.5%	18	7.8%	17	7.4%	85	37.0%
2016	32	15.1%	13	6.1%	15	7.1%	13	6.1%	15	7.1%	88	41.5%
2017	34	14.5%	15	6.4%	18	7.7%	12	5.1%	13	5.6%	92	39.3%
2018	28	11.8%	37	15.5%	18	7.6%	15	6.3%	16	6.7%	114	47.9%

Rate Group 689 - WASTE MATERIALS RECYCLING

Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot

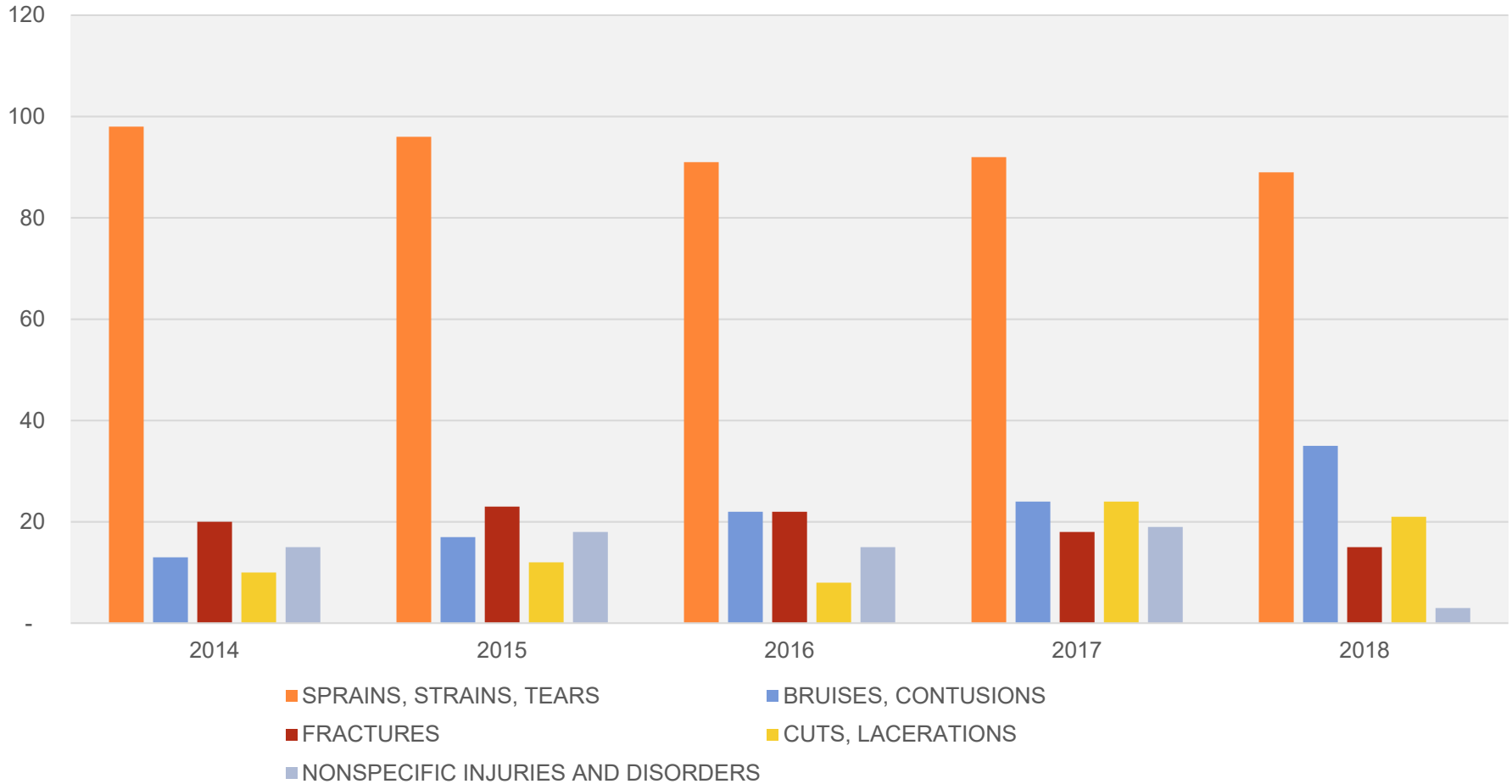


**Top 5 Most Common Nature of Injury Categories
Rate Group 689**

Year	SPRAINS, STRAINS, TEARS		BRUISES, CONTUSIONS		FRACTURES		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	98	45.0%	13	6.0%	20	9.2%	10	4.6%	15	6.9%	156	71.6%
2015	96	41.7%	17	7.4%	23	10.0%	12	5.2%	18	7.8%	166	72.2%
2016	91	42.9%	22	10.4%	22	10.4%	8	3.8%	15	7.1%	158	74.5%
2017	92	39.3%	24	10.3%	18	7.7%	24	10.3%	19	8.1%	177	75.6%
2018	89	37.4%	35	14.7%	15	6.3%	21	8.8%	3	1.3%	163	68.5%

Rate Group 689 - WASTE MATERIALS RECYCLING

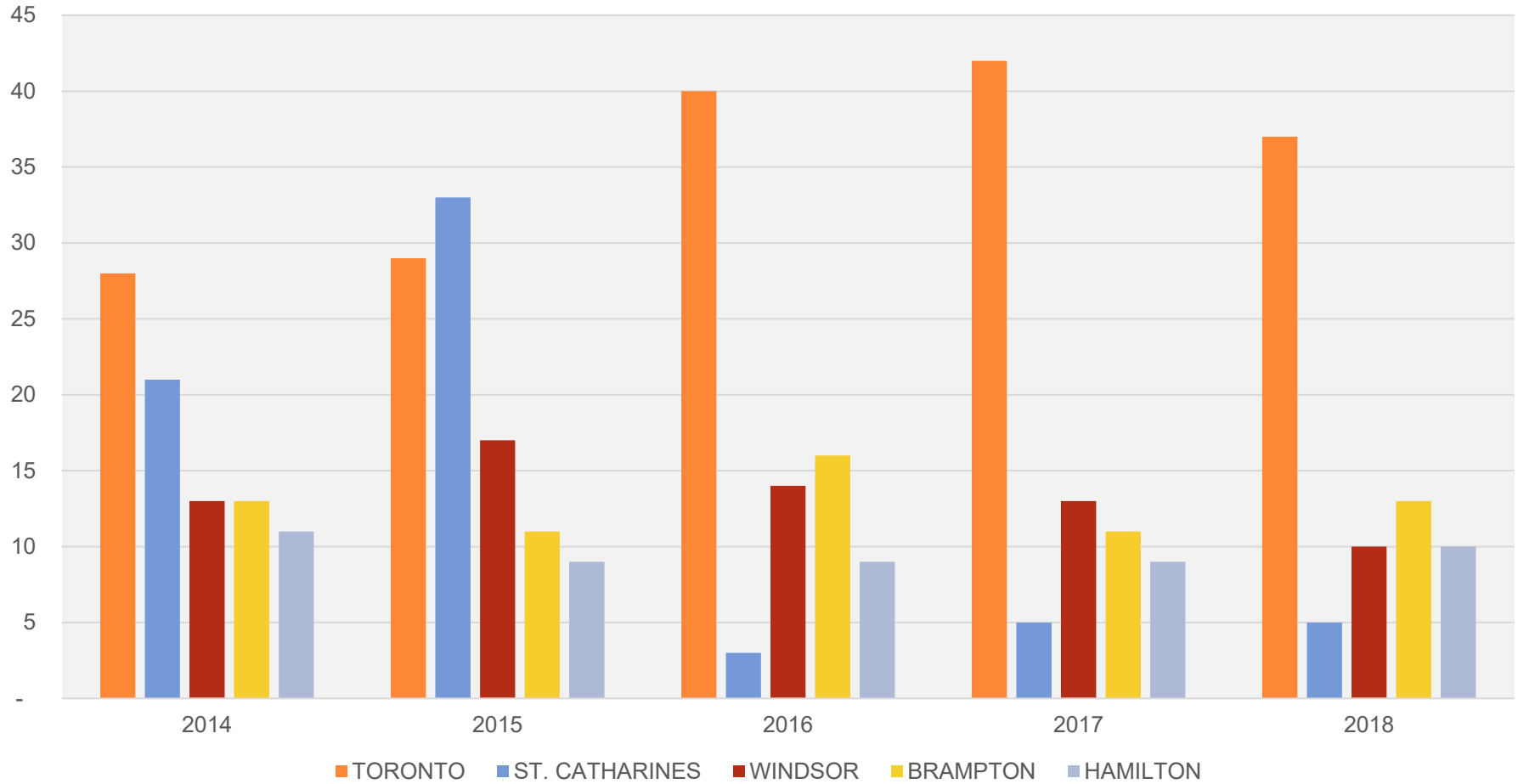
Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Places
Rate Group 689**

Year	TORONTO		ST. CATHARINES		WINDSOR		BRAMPTON		HAMILTON		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	28	12.8%	21	9.6%	13	6.0%	13	6.0%	11	5.0%	86	39.4%
2015	29	12.6%	33	14.3%	17	7.4%	11	4.8%	9	3.9%	99	43.0%
2016	40	18.9%	3	1.4%	14	6.6%	16	7.5%	9	4.2%	82	38.7%
2017	42	17.9%	5	2.1%	13	5.6%	11	4.7%	9	3.8%	80	34.2%
2018	37	15.5%	5	2.1%	10	4.2%	13	5.5%	10	4.2%	75	31.5%

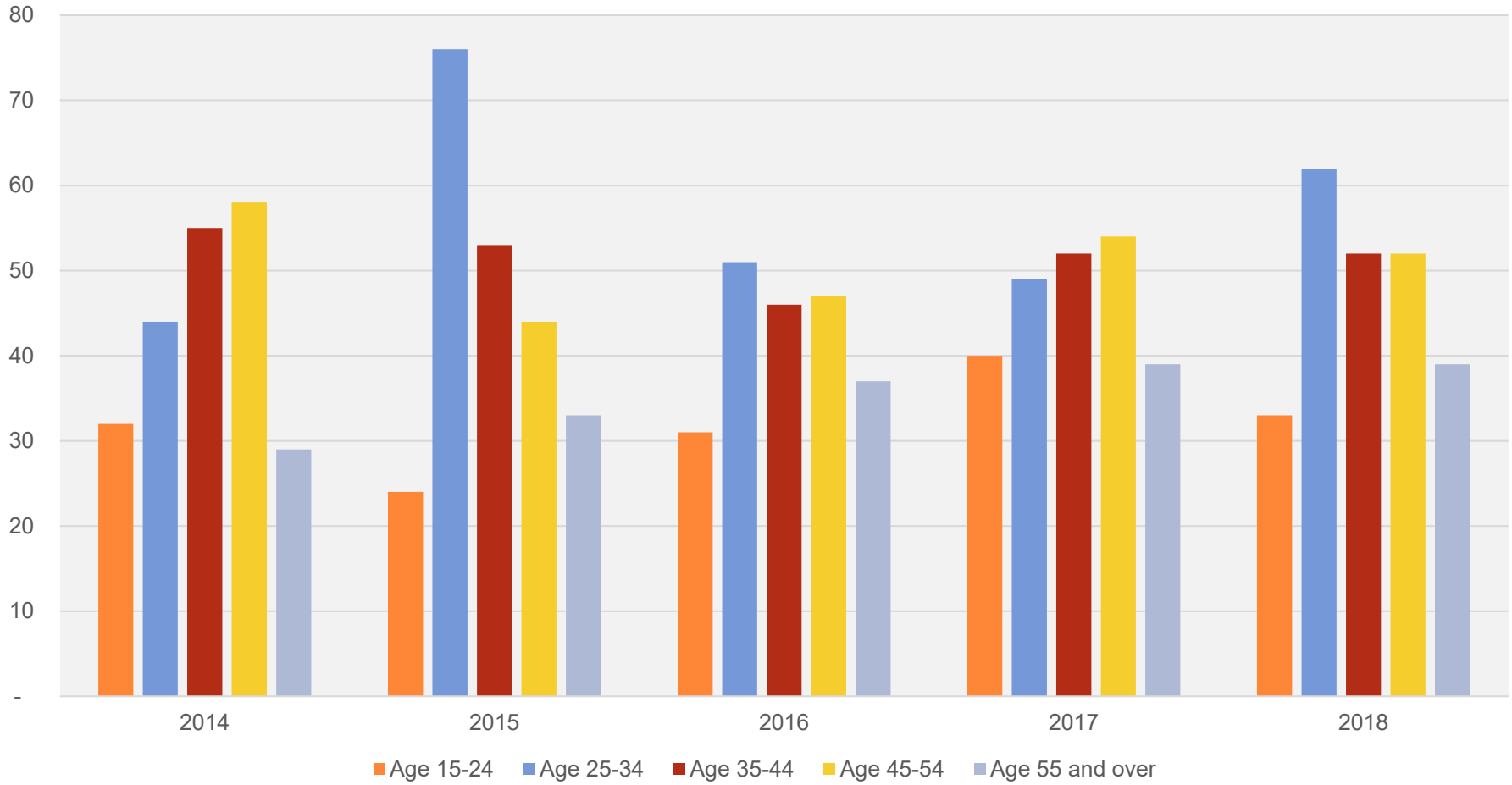
Rate Group 689 - WASTE MATERIALS RECYCLING
 Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



Age Band Breakdown
Rate Group 689

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%	32	14.7%	44	20.2%	55	25.2%	58	26.6%	29	13.3%	-	0.0%
2015	-	0.0%	24	10.4%	76	33.0%	53	23.0%	44	19.1%	33	14.3%	-	0.0%
2016	-	0.0%	31	14.6%	51	24.1%	46	21.7%	47	22.2%	37	17.5%	-	0.0%
2017	-	0.0%	40	17.1%	49	20.9%	52	22.2%	54	23.1%	39	16.7%	-	0.0%
2018	-	0.0%	33	13.9%	62	26.1%	52	21.8%	52	21.8%	39	16.4%	-	0.0%

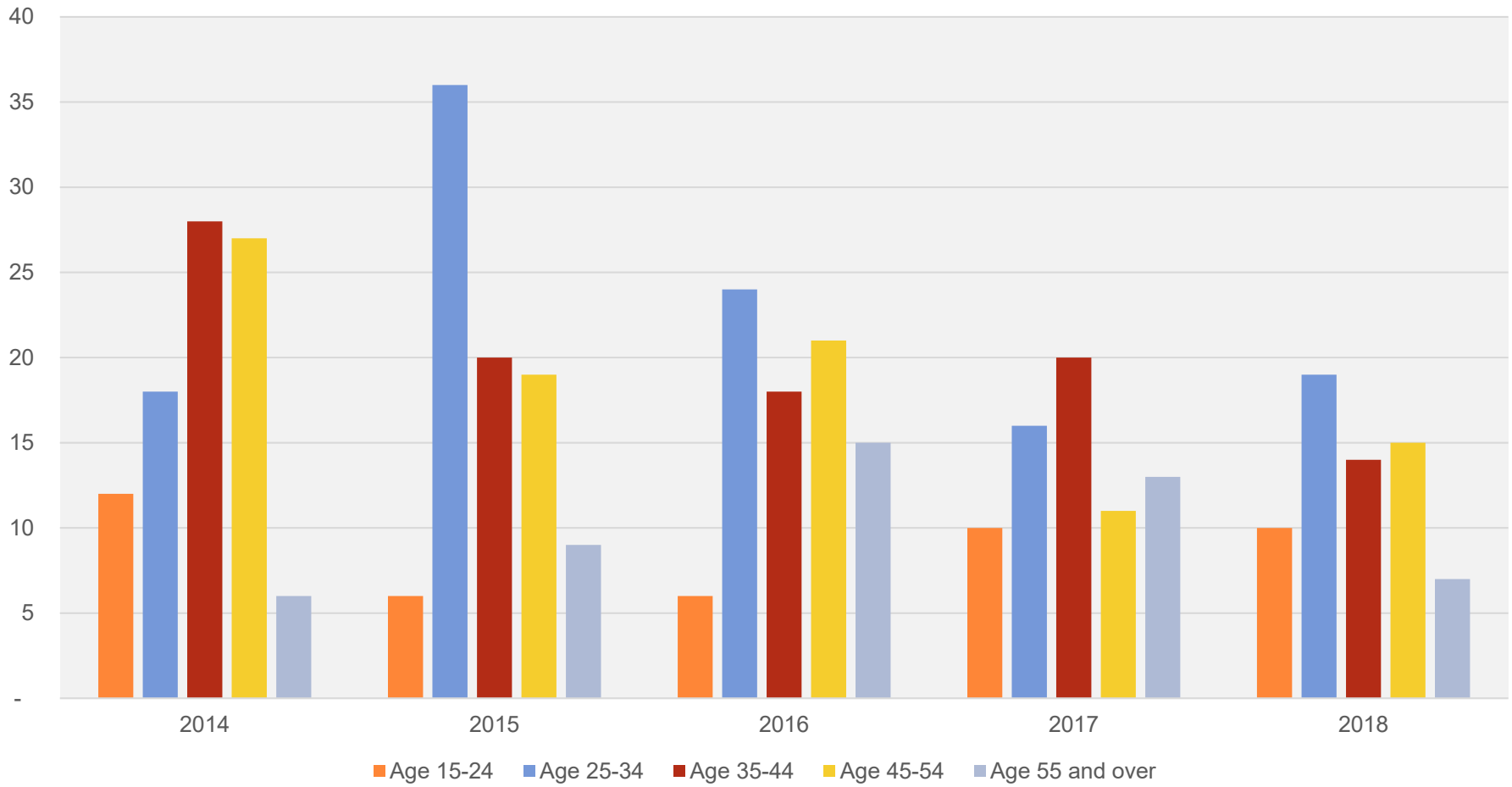
Rate Group 689 - WASTE MATERIALS RECYCLING LTIs by Age Band for 2014-2018 based on March 2019 snapshot



MSD Breakdown by Age Band
Rate Group 689

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%	12	13.2%	18	19.8%	28	30.8%	27	29.7%	6	6.6%	-	0.0%
2015	-	0.0%	6	6.7%	36	40.0%	20	22.2%	19	21.1%	9	10.0%	-	0.0%
2016	-	0.0%	6	7.1%	24	28.6%	18	21.4%	21	25.0%	15	17.9%	-	0.0%
2017	-	0.0%	10	14.3%	16	22.9%	20	28.6%	11	15.7%	13	18.6%	-	0.0%
2018	-	0.0%	10	15.4%	19	29.2%	14	21.5%	15	23.1%	7	10.8%	-	0.0%

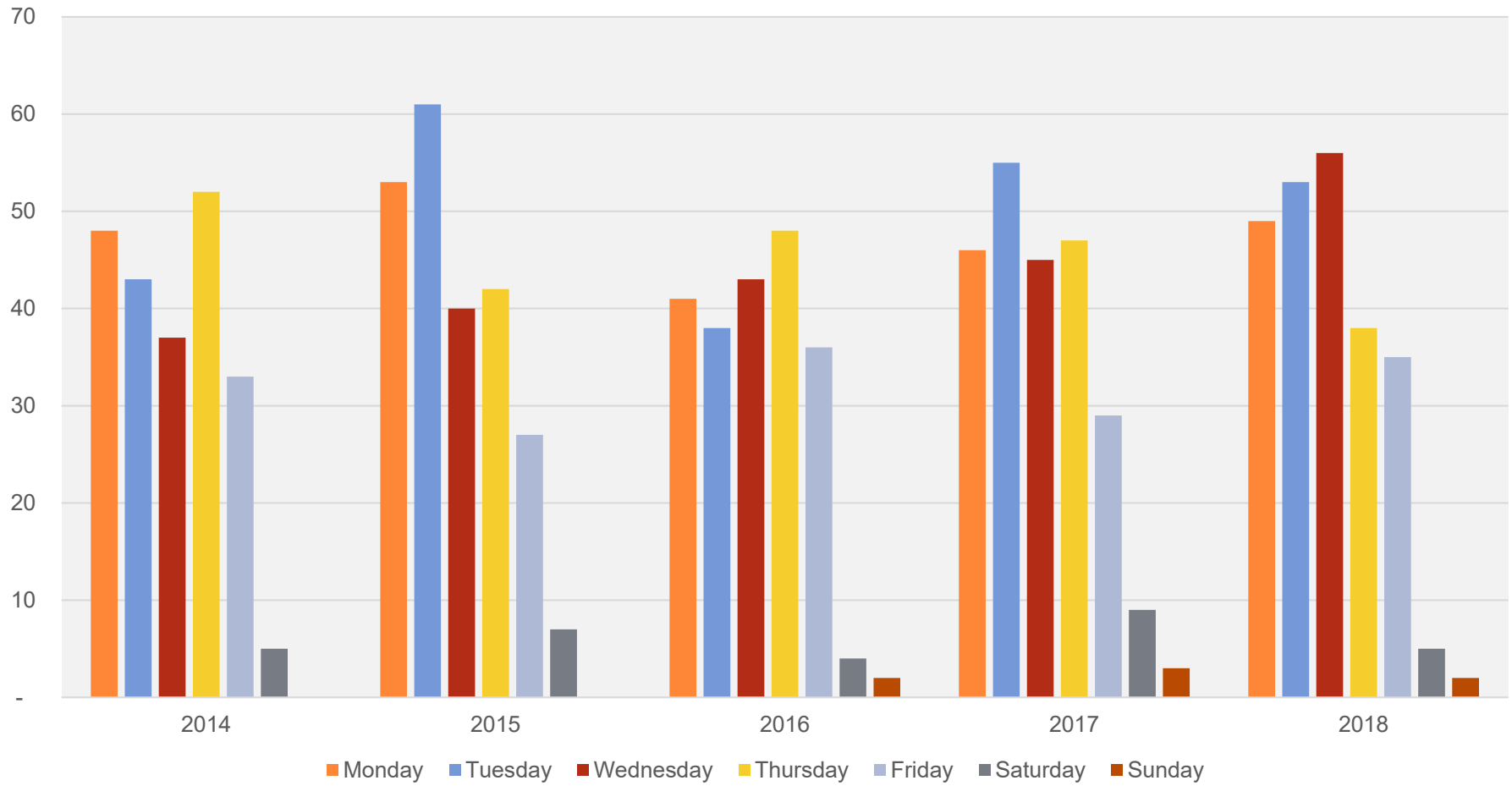
Rate Group 689 - WASTE MATERIALS RECYCLING MSD by Age Band for for 2014-2018 based on March 2019 snapshot



LTI Breakdown by Day of Week
Rate Group 689

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	48	22.0%	43	19.7%	37	17.0%	52	23.9%	33	15.1%	5	2.3%	-	0.0%
2015	53	23.0%	61	26.5%	40	17.4%	42	18.3%	27	11.7%	7	3.0%	-	0.0%
2016	41	19.3%	38	17.9%	43	20.3%	48	22.6%	36	17.0%	4	1.9%	2	0.9%
2017	46	19.7%	55	23.5%	45	19.2%	47	20.1%	29	12.4%	9	3.8%	3	1.3%
2018	49	20.6%	53	22.3%	56	23.5%	38	16.0%	35	14.7%	5	2.1%	2	0.8%

Rate Group 689 - WASTE MATERIALS RECYCLING LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 689

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	20	9.2%	28	12.2%	25	11.8%	23	9.8%	29	12.2%
February	26	11.9%	16	7.0%	17	8.0%	16	6.8%	18	7.6%
March	13	6.0%	30	13.0%	12	5.7%	13	5.6%	16	6.7%
April	20	9.2%	17	7.4%	20	9.4%	16	6.8%	21	8.8%
May	13	6.0%	17	7.4%	11	5.2%	14	6.0%	20	8.4%
June	17	7.8%	27	11.7%	18	8.5%	20	8.5%	16	6.7%
July	9	4.1%	15	6.5%	14	6.6%	24	10.3%	14	5.9%
August	22	10.1%	13	5.7%	20	9.4%	23	9.8%	18	7.6%
September	15	6.9%	21	9.1%	17	8.0%	16	6.8%	26	10.9%
October	22	10.1%	18	7.8%	9	4.2%	23	9.8%	13	5.5%
November	23	10.6%	14	6.1%	28	13.2%	23	9.8%	28	11.8%
December	18	8.3%	14	6.1%	21	9.9%	23	9.8%	19	8.0%

Rate Group 689 - WASTE MATERIALS RECYCLING LTIs by Month for 2014-2018 based on March 2019 snapshot

