

# Rate Group 689 – Waste Materials Recycling

## Member Firm Injury Performance

Based on the March 2020 Snapshot

Overall Injury Performance in Rate Group 689			
	2019	2018	% Change
<b>Total Injury Rate (LTIs+NLTIs+Tr Fatalities)</b>	8.06	8.46	-4.8%
<b>Total Injury Count (LTIs+NLTIs+Tr Fatalities)</b>	847	821	3.2%
<b>Traumatic Fatalities Count</b>	Allowed	1	0
	Pending	0	0
<b>LTI Rate</b>	2.43	2.45	-1.1%
<b>LTI Count</b>	255	238	7.1%
<b>NLTI Count</b>	591	583	1.4%
<b>FTE</b>	10,513	9,702	8.4%

### Lost Time Injury Profile. Rate Group 689

	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
<b>MSDs</b>	72	0.68	66	0.68	9.1%	0.7%
<b>Falls</b>	54	0.51	48	0.49	12.5%	3.8%
<b>Machinery</b>	10	0.10	17	0.18	-41.2%	-45.7%
<b>MVIs</b>	4	0.04	3	0.03	33.3%	23.0%
<b>Critical Injuries</b>	24	0.23	22	0.23	9.1%	0.7%
<b>New Worker</b>	15	0.14	11	0.11	36.4%	25.8%
<b>Young Worker</b>	21	0.20	34	0.35	-38.2%	-43.0%

### High Impact Claims. Rate Group 689

	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
<b>Lower Back</b>	33	0.31	30	0.31	10.0%	1.5%
<b>Shoulder</b>	27	0.26	15	0.15	80.0%	66.1%
<b>Fractures</b>	13	0.12	18	0.19	-27.8%	-33.4%
<b>Total HI Claims</b>	58	0.55	66	0.68	-12.1%	-18.9%

## 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 689 – Waste Materials Recycling

## Member Injury Performance Analysis for 2015-2019

Based on March 2020 Snapshot

Overall Injury Performance Rate Group 689								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
<b>2015</b>	230	2.29	1	575	5.73	806	8.03	10,036
<b>2016</b>	211	2.16	0	599	6.12	810	8.28	9,782
<b>2017</b>	235	2.29	1	623	6.08	859	8.38	10,253
<b>2018</b>	238	2.45	0	583	6.01	821	8.46	9,702
<b>2019</b>	255	2.43	1	591	5.62	847	8.06	10,513

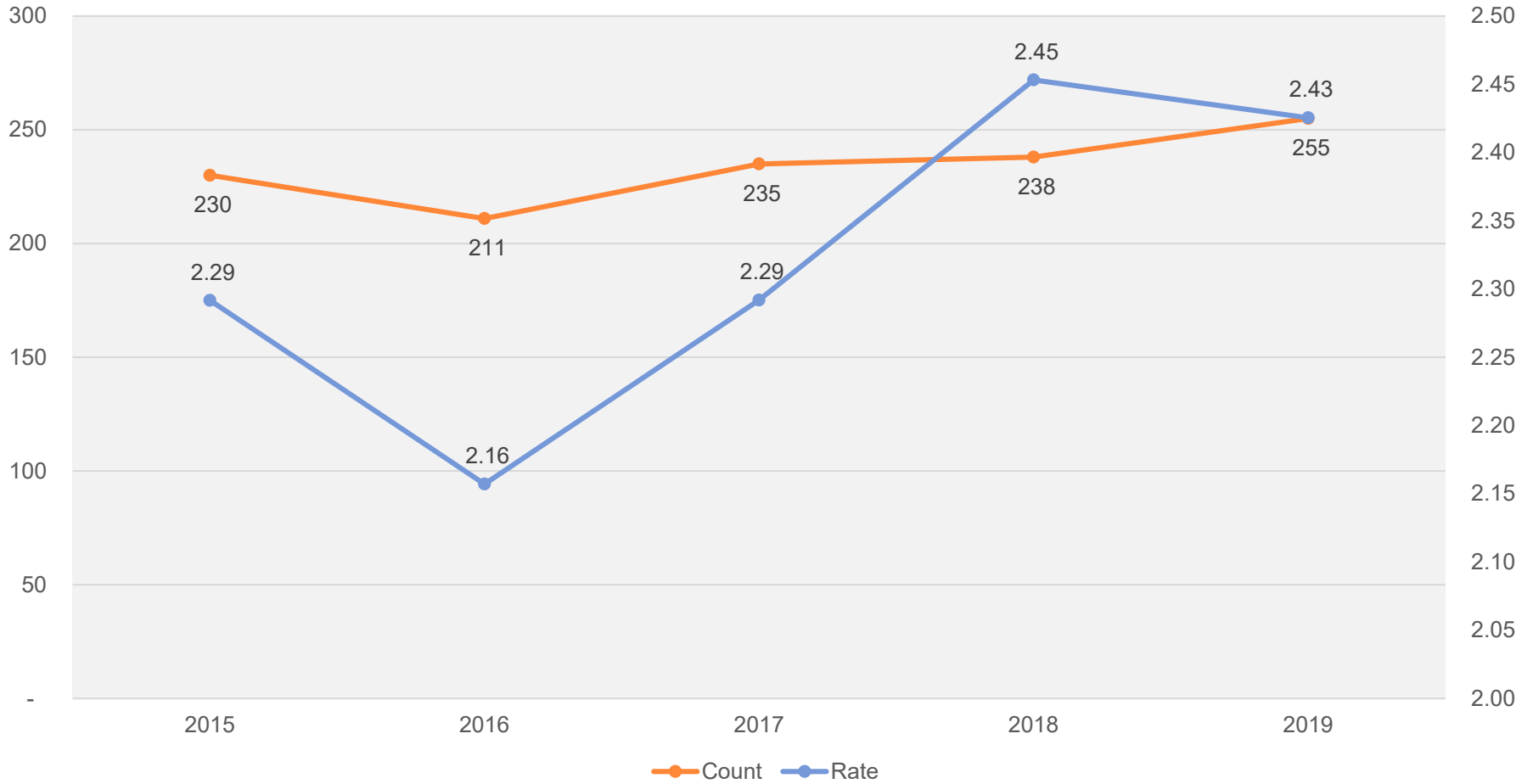
\*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

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
<b>2015</b>	92	0.92	33	0.33	17	0.17	3	0.03	14	0.14	11	0.11	24	0.24
<b>2016</b>	88	0.90	33	0.34	12	0.12	3	0.03	9	0.09	11	0.11	31	0.32
<b>2017</b>	72	0.70	49	0.48	15	0.15	2	0.02	20	0.20	13	0.13	40	0.39
<b>2018</b>	66	0.68	48	0.49	17	0.18	3	0.03	22	0.23	11	0.11	34	0.35
<b>2019</b>	72	0.68	54	0.51	10	0.10	4	0.04	24	0.23	15	0.14	21	0.20

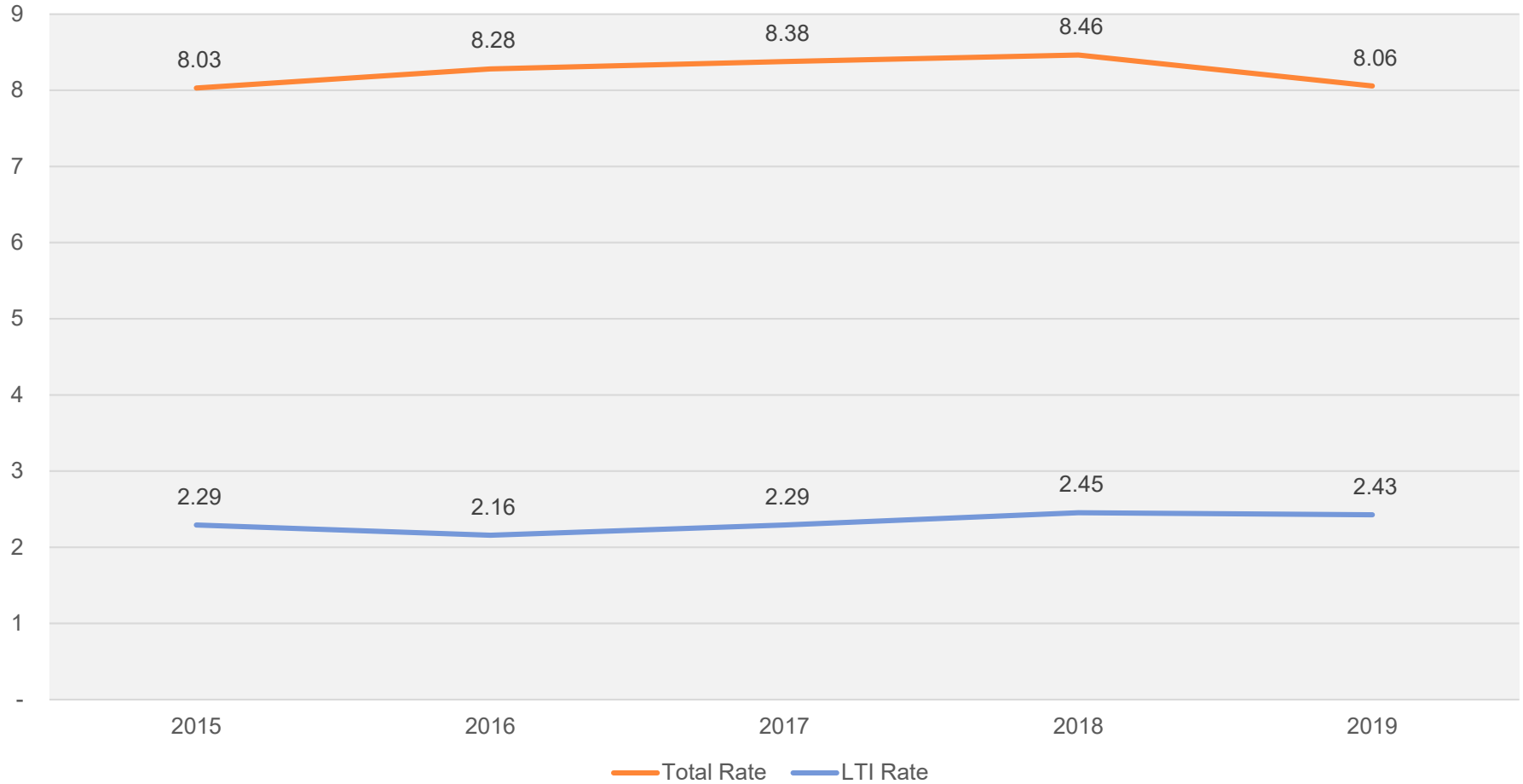
High Impact Lost-time Injury Profile  
Rate Group 689

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
<b>2015</b>	40	0.40	19	0.19	19	0.19	88	0.88
<b>2016</b>	46	0.47	13	0.13	23	0.24	81	0.83
<b>2017</b>	36	0.35	12	0.12	22	0.21	81	0.79
<b>2018</b>	30	0.31	15	0.15	18	0.19	66	0.68
<b>2019</b>	33	0.31	27	0.26	13	0.12	58	0.55

### Rate Group 689 - WASTE MATERIALS RECYCLING LTI Count and Rate for 2015-2019 based on March 2020 snapshot

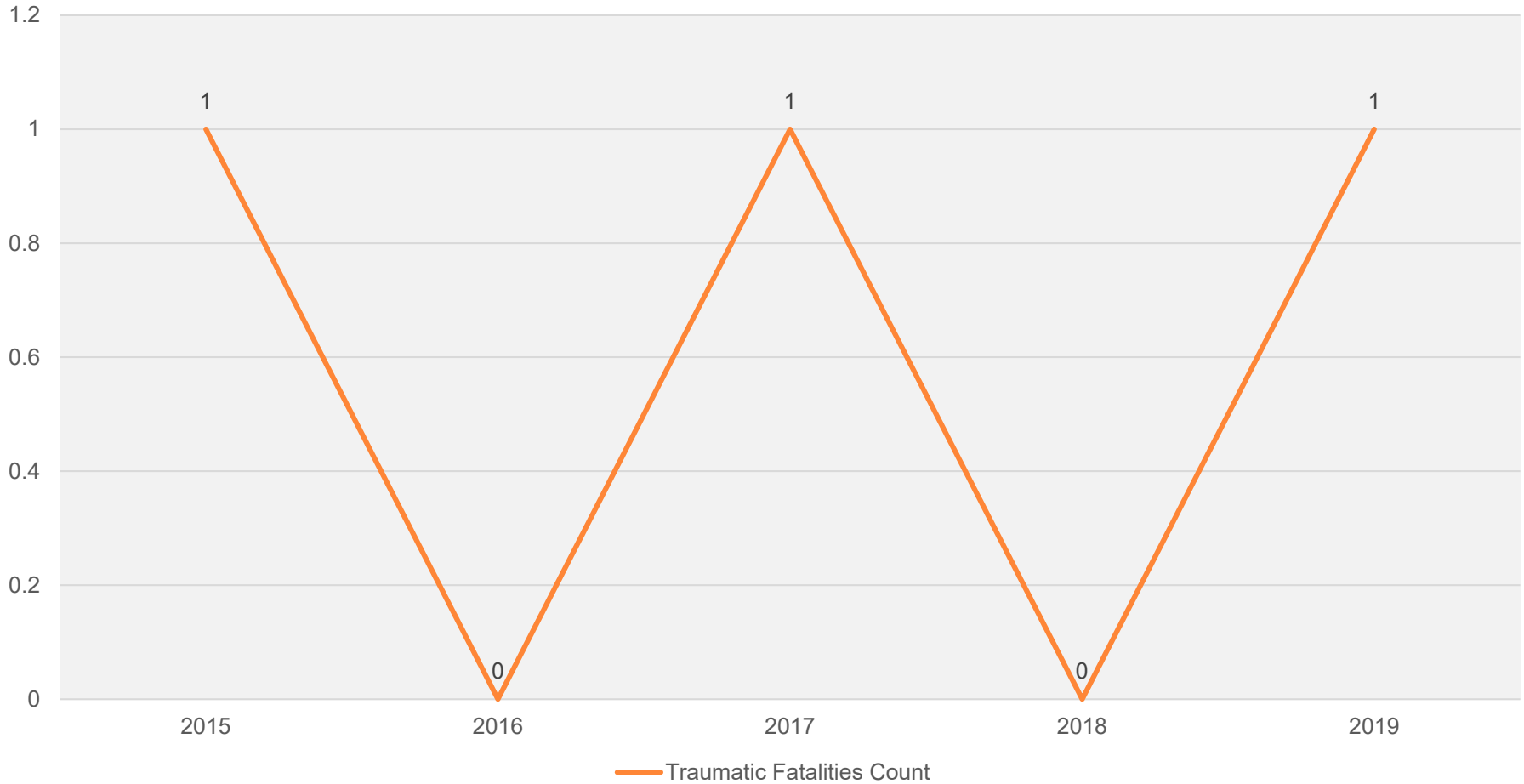


### Rate Group 689 - WASTE MATERIALS RECYCLING LTI Rate and Total Rate for 2015-2019 based on March 2020 snapshot

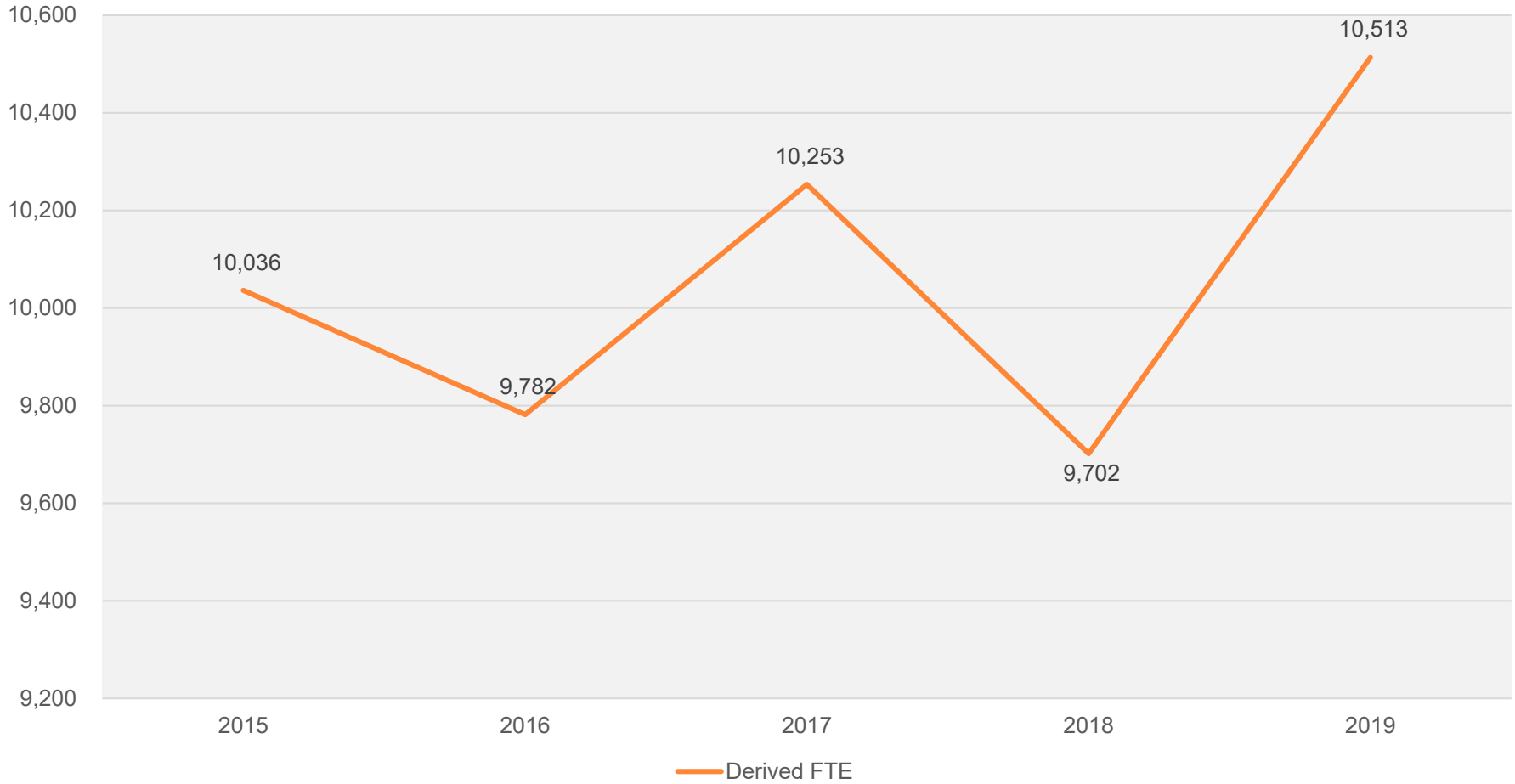




### Rate Group 689 - WASTE MATERIALS RECYCLING Traumatic Fatalities for 2015-2019 based on March 2020 snapshot



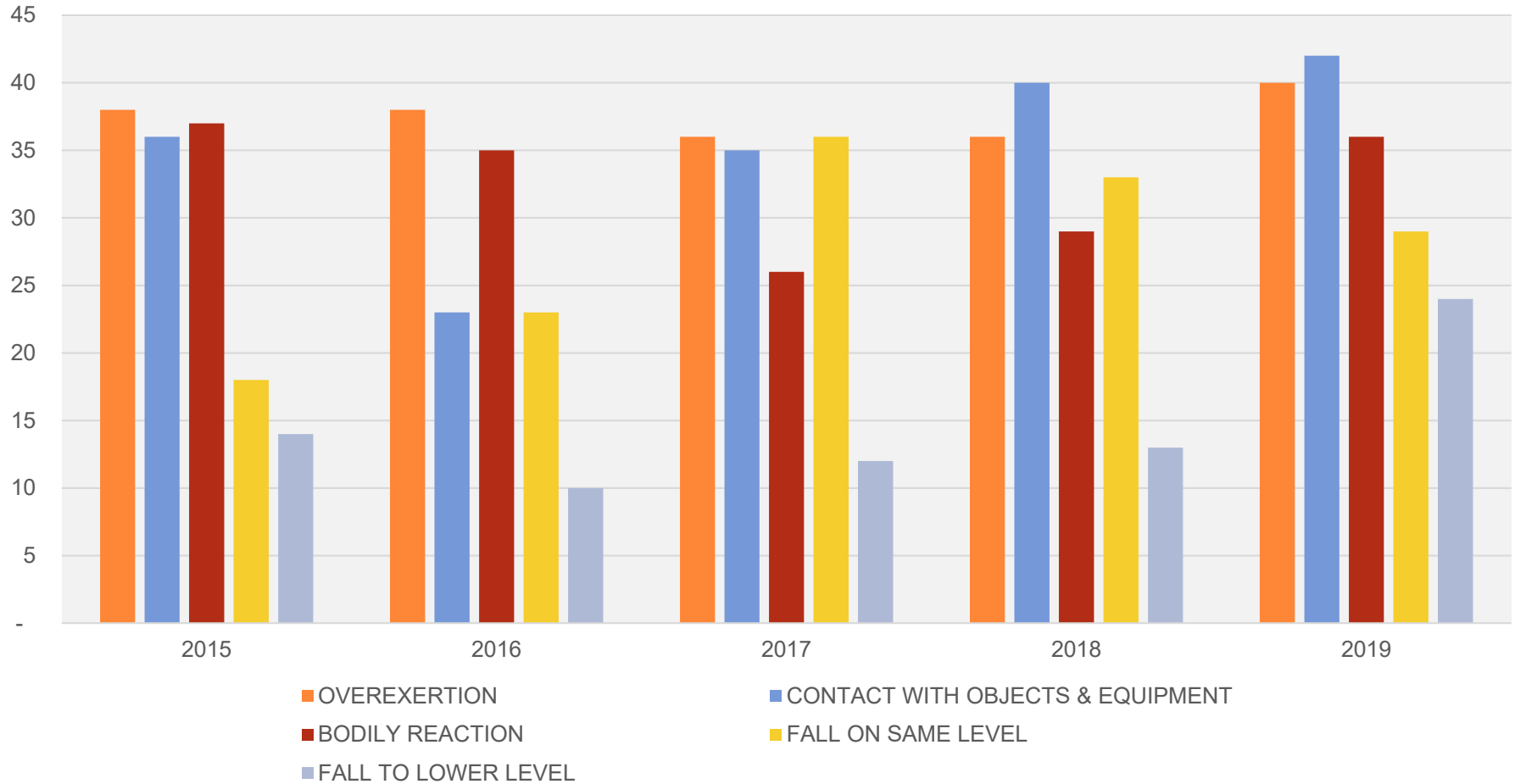
### Rate Group 689 - WASTE MATERIALS RECYCLING Derived FTE for 2015-2019 based on March 2020 snapshot



**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
<b>2015</b>	38	16.5%	36	15.7%	37	16.1%	18	7.8%	14	6.1%	143	62.2%
<b>2016</b>	38	18.0%	23	10.9%	35	16.6%	23	10.9%	10	4.7%	129	61.1%
<b>2017</b>	36	15.3%	35	14.8%	26	11.0%	36	15.3%	12	5.1%	145	61.4%
<b>2018</b>	36	15.0%	40	16.7%	29	12.1%	33	13.8%	13	5.4%	151	62.9%
<b>2019</b>	40	15.7%	42	16.5%	36	14.1%	29	11.4%	24	9.4%	171	67.1%

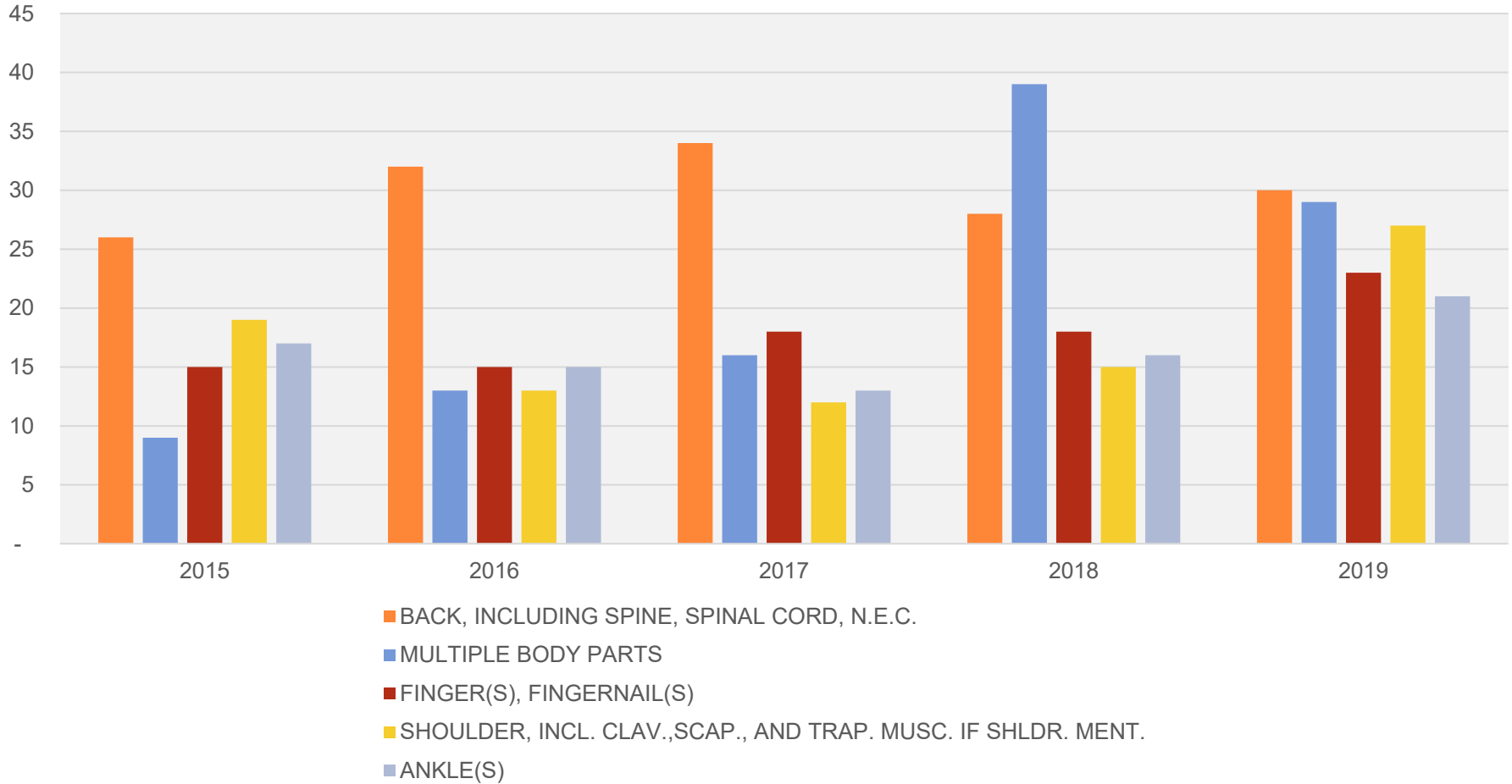
### Rate Group 689 - WASTE MATERIALS RECYCLING Top 5 Incident Types for 2015-2019 based on March 2020 snapshot



**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
<b>2015</b>	26	11.3%	9	3.9%	15	6.5%	19	8.3%	17	7.4%	86	37.4%
<b>2016</b>	32	15.2%	13	6.2%	15	7.1%	13	6.2%	15	7.1%	88	41.7%
<b>2017</b>	34	14.4%	16	6.8%	18	7.6%	12	5.1%	13	5.5%	93	39.4%
<b>2018</b>	28	11.7%	39	16.3%	18	7.5%	15	6.3%	16	6.7%	116	48.3%
<b>2019</b>	30	11.8%	29	11.4%	23	9.0%	27	10.6%	21	8.2%	130	51.0%

### Rate Group 689 - WASTE MATERIALS RECYCLING Top 5 Parts of Body Injured for 2015-2019 based on March 2020 snapshot

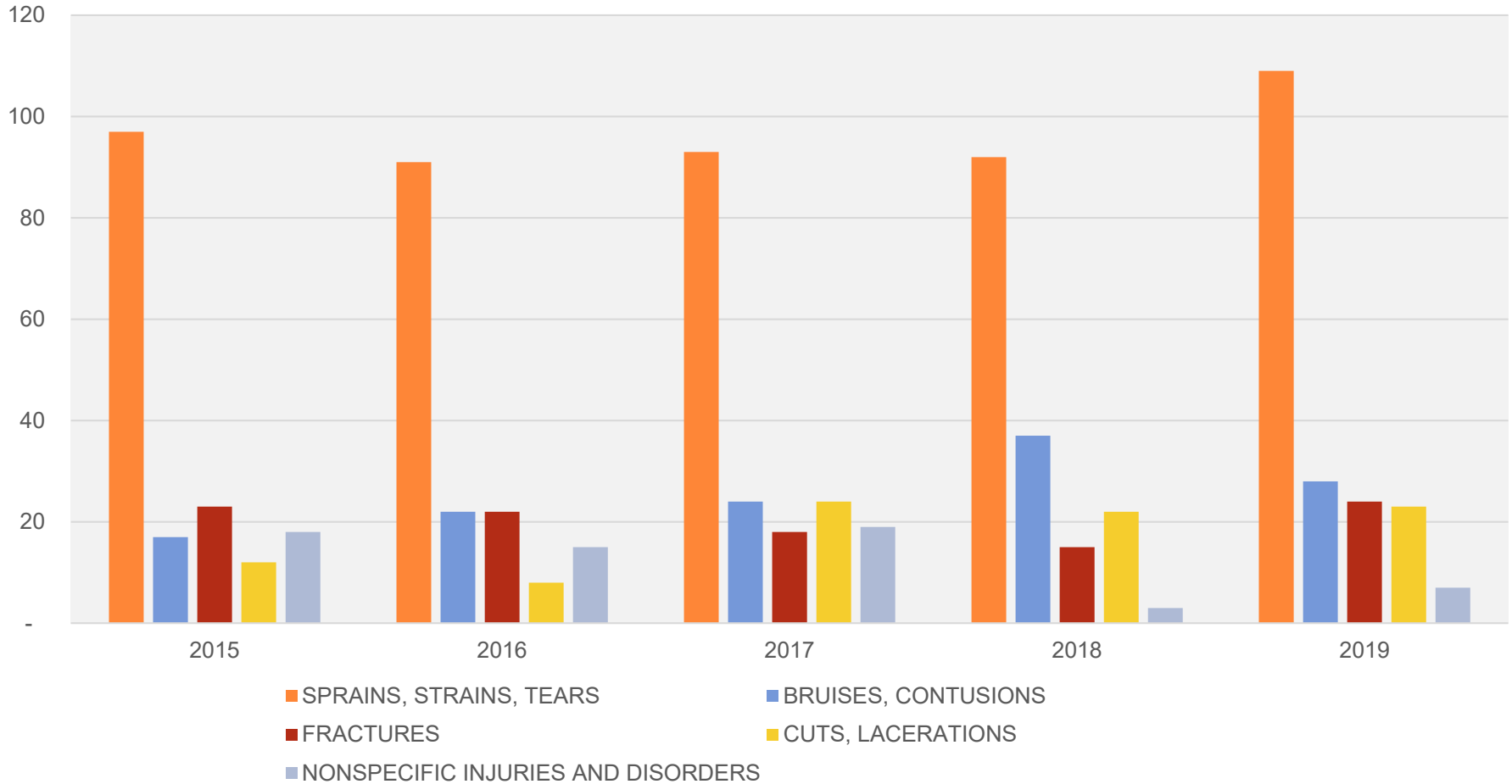


**Top 5 Most Common Nature of Injury Categories  
Rate Group 689**

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
<b>2015</b>	97	42.2%	17	7.4%	23	10.0%	12	5.2%	18	7.8%	167	72.6%
<b>2016</b>	91	43.1%	22	10.4%	22	10.4%	8	3.8%	15	7.1%	158	74.9%
<b>2017</b>	93	39.4%	24	10.2%	18	7.6%	24	10.2%	19	8.1%	178	75.4%
<b>2018</b>	92	38.3%	37	15.4%	15	6.3%	22	9.2%	3	1.3%	169	70.4%
<b>2019</b>	109	42.7%	28	11.0%	24	9.4%	23	9.0%	7	2.7%	191	74.9%

### Rate Group 689 - WASTE MATERIALS RECYCLING

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

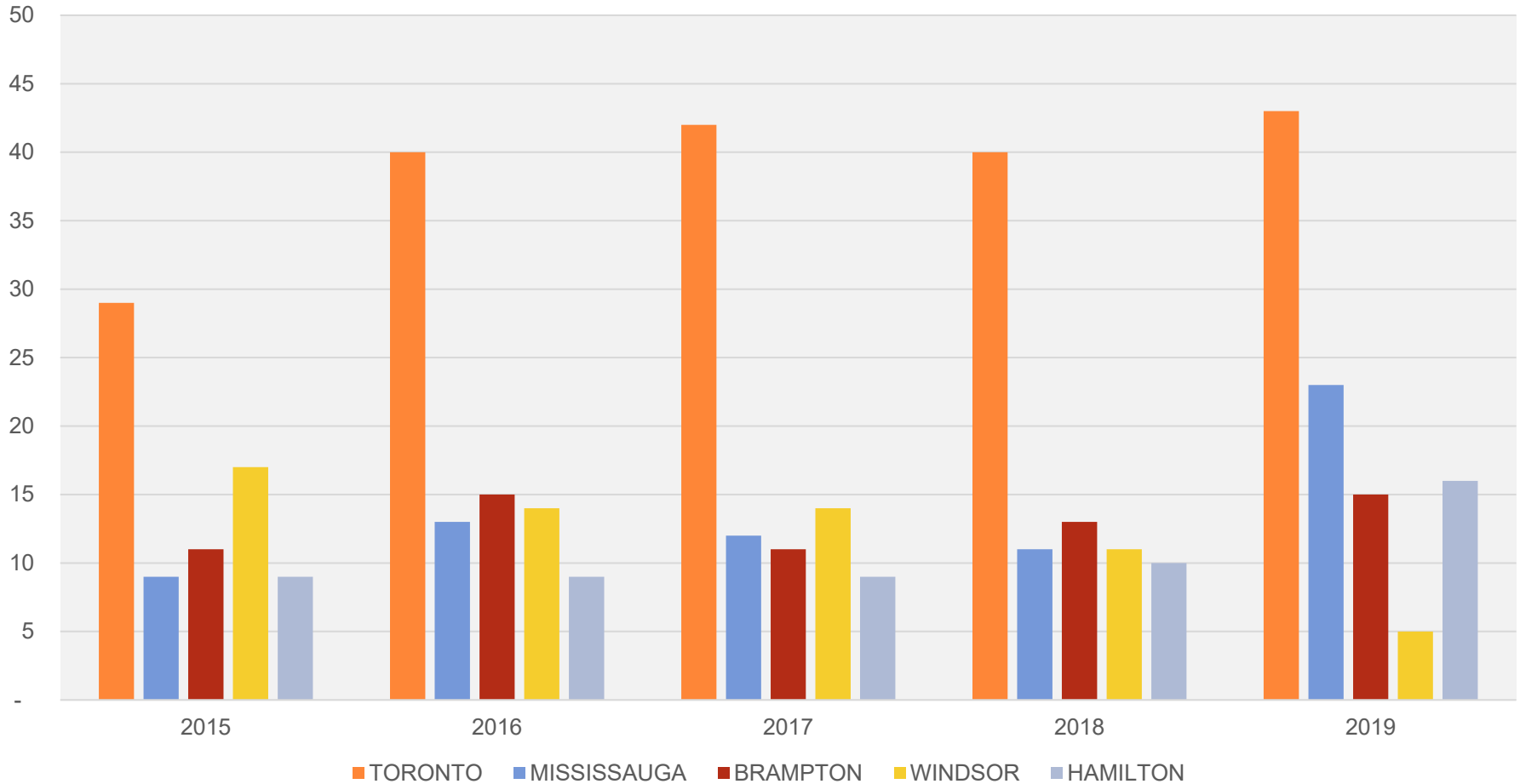




**Top 5 Most Common Incident Places  
Rate Group 689**

Year	TORONTO		MISSISSAUGA		BRAMPTON		WINDSOR		HAMILTON		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>	29	12.6%	9	3.9%	11	4.8%	17	7.4%	9	3.9%	75	32.6%
<b>2016</b>	40	19.0%	13	6.2%	15	7.1%	14	6.6%	9	4.3%	91	43.1%
<b>2017</b>	42	17.8%	12	5.1%	11	4.7%	14	5.9%	9	3.8%	88	37.3%
<b>2018</b>	40	16.7%	11	4.6%	13	5.4%	11	4.6%	10	4.2%	85	35.4%
<b>2019</b>	43	16.9%	23	9.0%	15	5.9%	5	2.0%	16	6.3%	102	40.0%

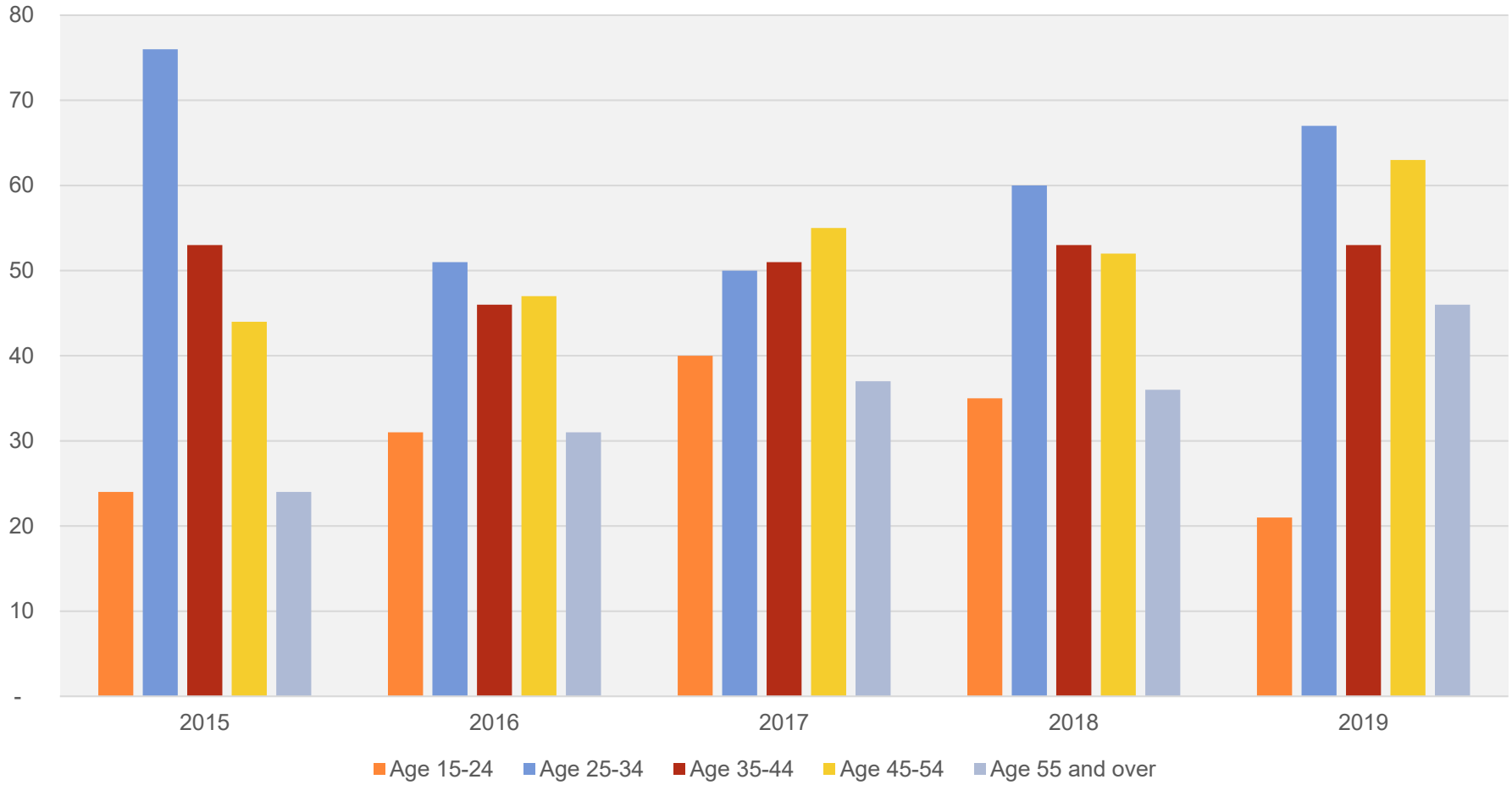
### Rate Group 689 - WASTE MATERIALS RECYCLING Top 5 Incident Places for 2015-2019 based on March 2020 snapshot



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
<b>2015</b>	-	0.0%	24	10.4%	76	33.0%	53	23.0%	44	19.1%	24	10.4%	-	0.0%
<b>2016</b>	-	0.0%	31	14.7%	51	24.2%	46	21.8%	47	22.3%	31	14.7%	-	0.0%
<b>2017</b>	-	0.0%	40	16.9%	50	21.2%	51	21.6%	55	23.3%	37	15.7%	-	0.0%
<b>2018</b>	-	0.0%	35	14.6%	60	25.0%	53	22.1%	52	21.7%	36	15.0%	-	0.0%
<b>2019</b>	-	0.0%	21	8.2%	67	26.3%	53	20.8%	63	24.7%	46	18.0%	-	0.0%

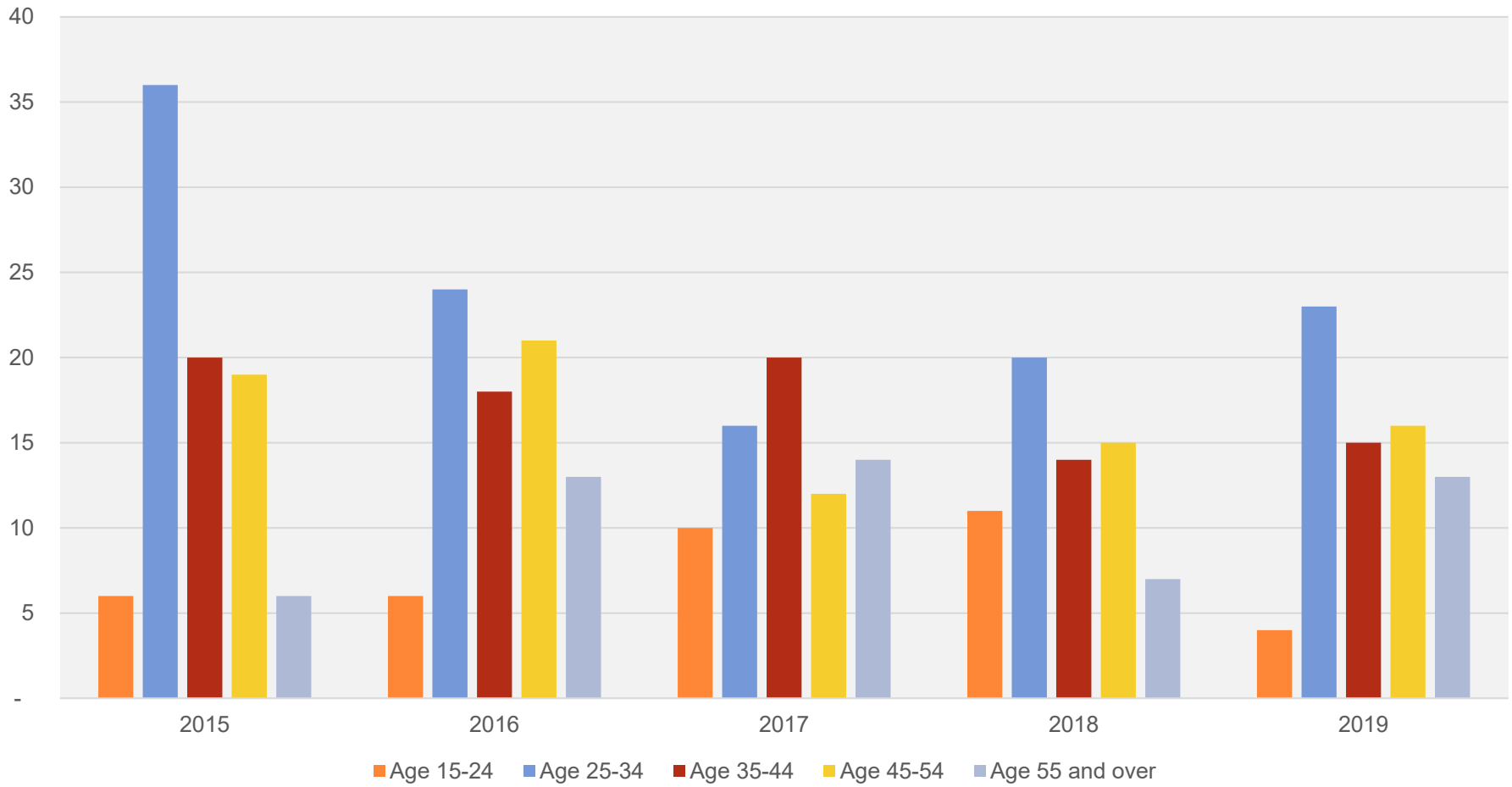
### Rate Group 689 - WASTE MATERIALS RECYCLING LTIs by Age Band for 2015-2019 based on March 2020 snapshot



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
<b>2015</b>	-	0.0%	6	6.6%	36	39.6%	20	22.0%	19	20.9%	6	6.6%	-	0.0%
<b>2016</b>	-	0.0%	6	7.1%	24	28.6%	18	21.4%	21	25.0%	13	15.5%	-	0.0%
<b>2017</b>	-	0.0%	10	13.9%	16	22.2%	20	27.8%	12	16.7%	14	19.4%	-	0.0%
<b>2018</b>	-	0.0%	11	16.4%	20	29.9%	14	20.9%	15	22.4%	7	10.4%	-	0.0%
<b>2019</b>	-	0.0%	4	5.6%	23	31.9%	15	20.8%	16	22.2%	13	18.1%	-	0.0%

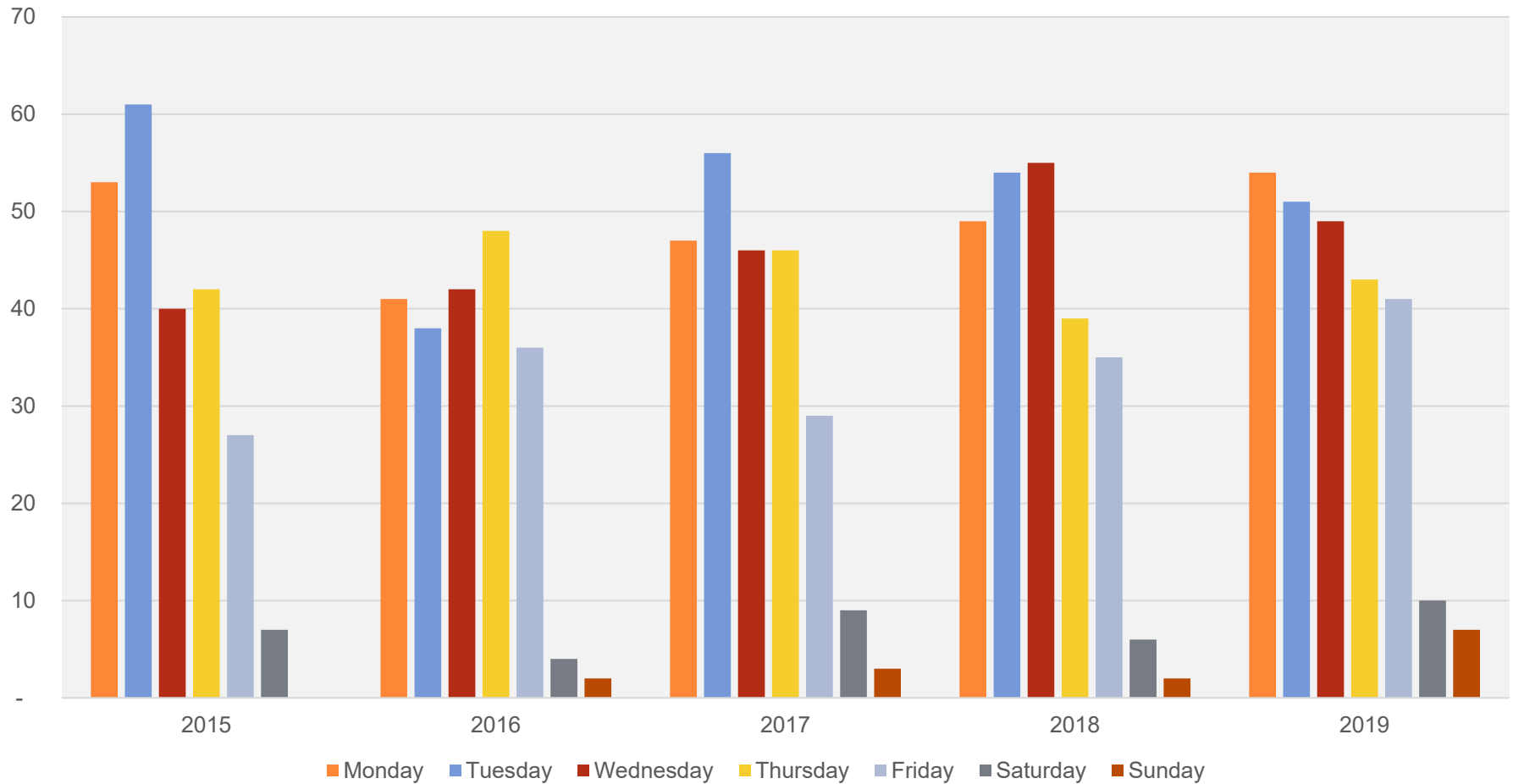
### Rate Group 689 - WASTE MATERIALS RECYCLING MSD by Age Band for for 2015-2019 based on March 2020 snapshot



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
<b>2015</b>	53	23.0%	61	26.5%	40	17.4%	42	18.3%	27	11.7%	7	3.0%	-	0.0%
<b>2016</b>	41	19.4%	38	18.0%	42	19.9%	48	22.7%	36	17.1%	4	1.9%	2	0.9%
<b>2017</b>	47	19.9%	56	23.7%	46	19.5%	46	19.5%	29	12.3%	9	3.8%	3	1.3%
<b>2018</b>	49	20.4%	54	22.5%	55	22.9%	39	16.3%	35	14.6%	6	2.5%	2	0.8%
<b>2019</b>	54	21.2%	51	20.0%	49	19.2%	43	16.9%	41	16.1%	10	3.9%	7	2.7%

### Rate Group 689 - WASTE MATERIALS RECYCLING LTIs by Day of Week for 2015-2019 based on March 2020 snapshot





LTI Breakdown By Month  
Rate Group 689

Month	2015		2016		2017		2018		2019	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
<b>January</b>	28	12.2%	24	11.4%	23	9.7%	29	12.1%	30	11.8%
<b>February</b>	16	7.0%	17	8.1%	16	6.8%	18	7.5%	22	8.6%
<b>March</b>	30	13.0%	12	5.7%	13	5.5%	16	6.7%	26	10.2%
<b>April</b>	17	7.4%	20	9.5%	16	6.8%	21	8.8%	15	5.9%
<b>May</b>	17	7.4%	11	5.2%	14	5.9%	20	8.3%	23	9.0%
<b>June</b>	27	11.7%	18	8.5%	20	8.5%	16	6.7%	25	9.8%
<b>July</b>	15	6.5%	14	6.6%	24	10.2%	14	5.8%	25	9.8%
<b>August</b>	13	5.7%	20	9.5%	23	9.7%	19	7.9%	15	5.9%
<b>September</b>	21	9.1%	17	8.1%	16	6.8%	26	10.8%	16	6.3%
<b>October</b>	18	7.8%	9	4.3%	26	11.0%	13	5.4%	20	7.8%
<b>November</b>	14	6.1%	28	13.3%	22	9.3%	27	11.3%	17	6.7%
<b>December</b>	14	6.1%	21	10.0%	23	9.7%	21	8.8%	21	8.2%

### Rate Group 689 - WASTE MATERIALS RECYCLING LTIs by Month for 2015-2019 based on March 2020 snapshot

