

Rate Group 551 – Air Transport Industries

Member Firm Injury Performance

Based on the March 2020 Snapshot

Overall Injury Performance in Rate Group 551				
		2019	2018	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)		2.40	2.52	-4.7%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)		438	408	7.4%
Traumatic Fatalities Count	Allowed	2	1	
	Pending	0	0	
LTI Rate		1.27	1.38	-8.0%
LTI Count		232	224	3.6%
NLTI Count		204	183	11.5%
FTE		18,247	16,202	12.6%

Lost Time Injury Profile. Rate Group 551						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	90	0.49	105	0.65	-14.3%	-23.9%
Falls	39	0.21	41	0.25	-4.9%	-15.5%
Machinery	3	0.02	3	0.02	0.0%	-11.2%
MVIs	1	0.01	3	0.02	-66.7%	-70.4%
Critical Injuries	28	0.15	17	0.10	64.7%	46.3%
New Worker	5	0.03	3	0.02	66.7%	48.0%
Young Worker	38	0.21	36	0.22	5.6%	-6.3%

High Impact Claims. Rate Group 551						
	2019		2018		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	36	0.20	39	0.24	-7.7%	-18.0%
Shoulder	14	0.08	23	0.14	-39.1%	-46.0%
Fractures	9	0.05	12	0.07	-25.0%	-33.4%
Total HI Claims	69	0.38	66	0.41	4.5%	-7.2%

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 551 – Air Transport Industries

Member Injury Performance Analysis for 2015-2019

Based on March 2020 Snapshot

Overall Injury Performance Rate Group 551								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2015	171	1.24	3	178	1.29	352	2.54	13,837
2016	220	1.56	1	166	1.18	387	2.75	14,086
2017	244	1.55	1	166	1.05	411	2.60	15,787
2018	224	1.38	1	183	1.13	408	2.52	16,202
2019	232	1.27	2	204	1.12	438	2.40	18,247

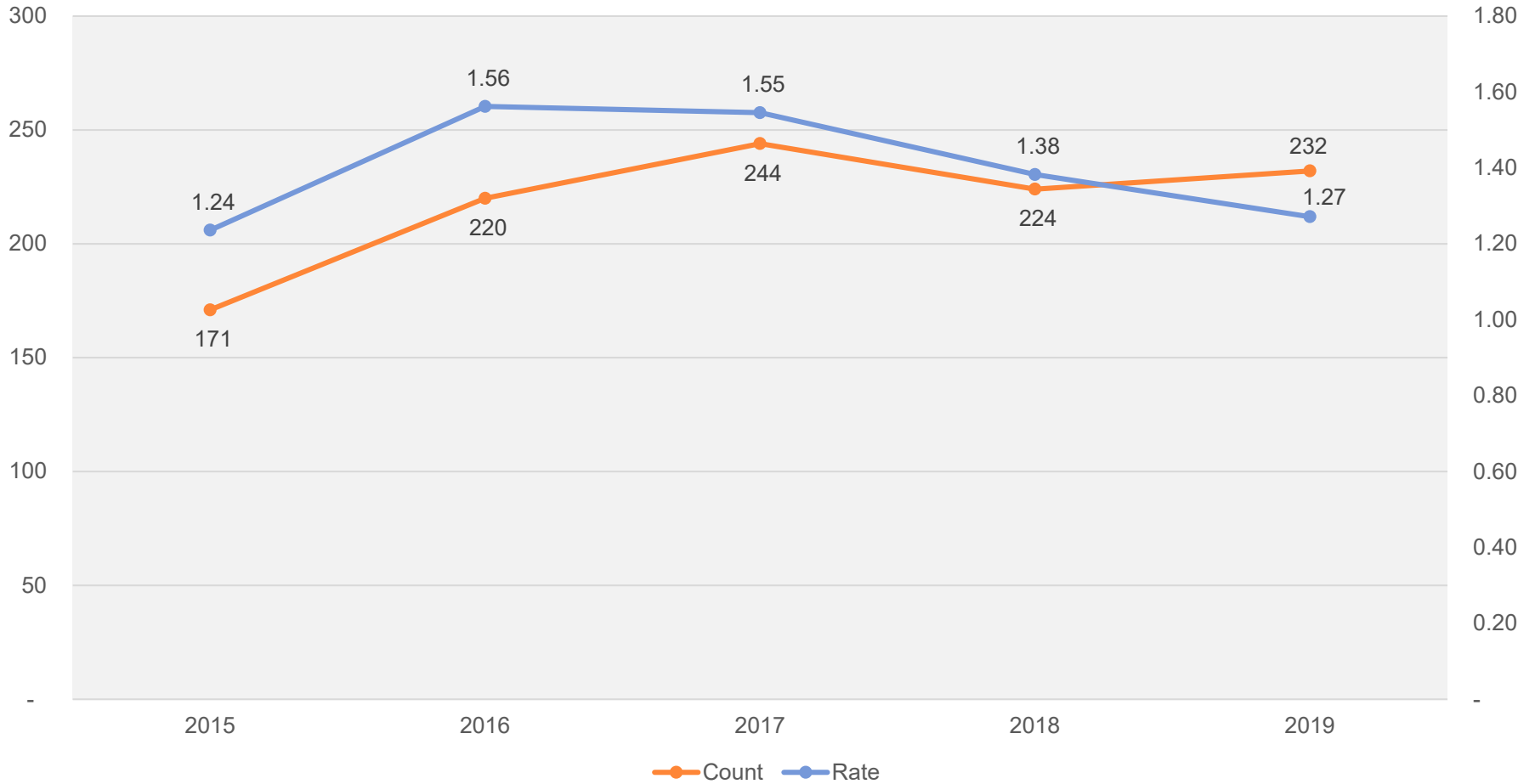
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

Lost-time Injury Profile Rate Group 551														
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	61	0.44	23	0.17	1	0.01	1	0.01	8	0.06	-	-	22	0.16
2016	74	0.53	37	0.26	4	0.03	1	0.01	18	0.13	2	0.01	16	0.11
2017	95	0.60	33	0.21	4	0.03	2	0.01	18	0.11	9	0.06	27	0.17
2018	105	0.65	41	0.25	3	0.02	3	0.02	17	0.10	3	0.02	36	0.22
2019	90	0.49	39	0.21	3	0.02	1	0.01	28	0.15	5	0.03	38	0.21

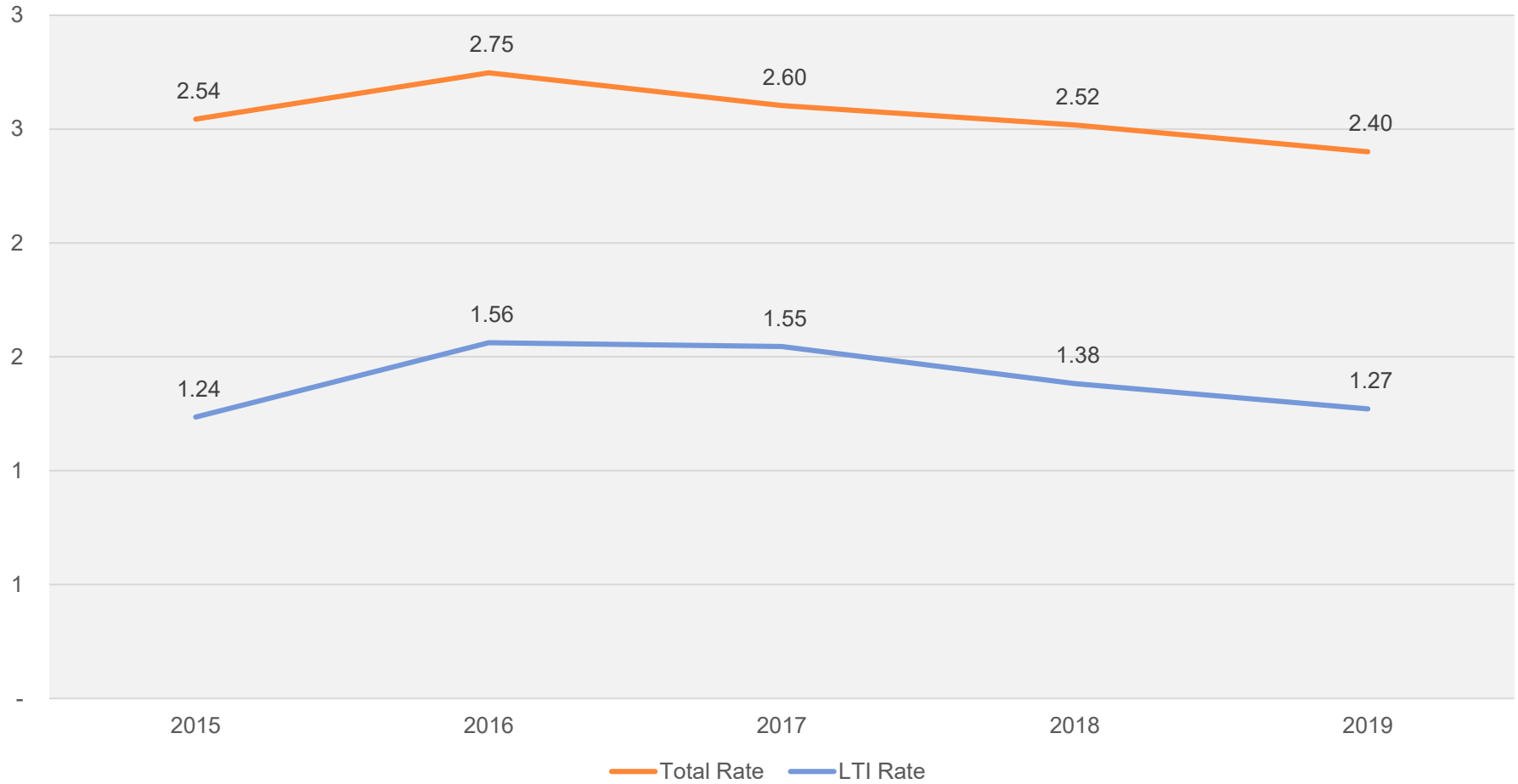
High Impact Lost-time Injury Profile
Rate Group 551

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2015	33	0.24	16	0.12	14	0.10	55	0.40
2016	44	0.31	18	0.13	7	0.05	56	0.40
2017	41	0.26	14	0.09	11	0.07	73	0.46
2018	39	0.24	23	0.14	12	0.07	66	0.41
2019	36	0.20	14	0.08	9	0.05	69	0.38

Rate Group 551 - AIR TRANSPORT INDUSTRIES LTI Count and Rate for 2015-2019 based on March 2020 snapshot

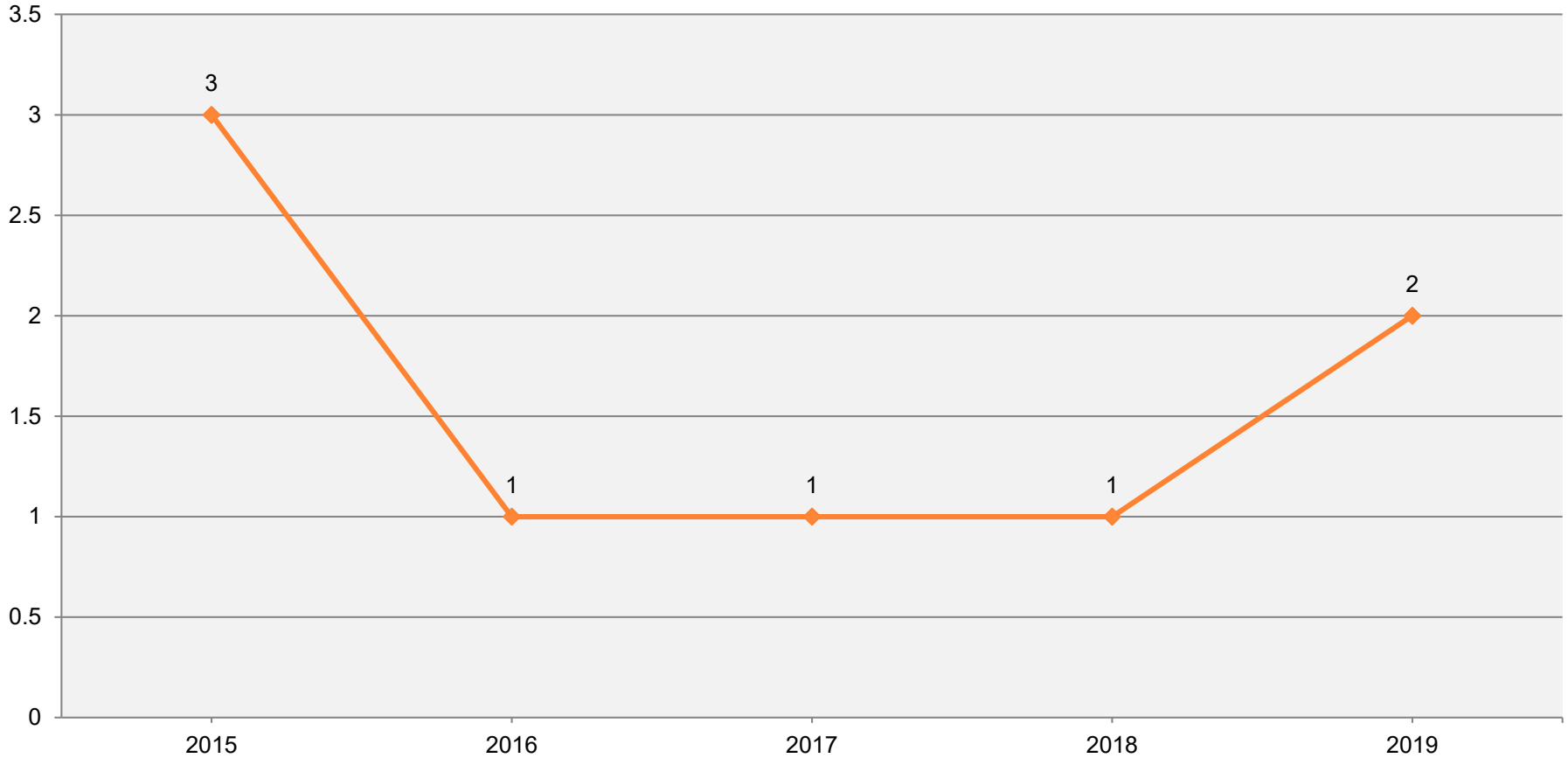


Rate Group 551 - AIR TRANSPORT INDUSTRIES LTI Rate and Total Rate for 2015-2019 based on March 2020 snapshot

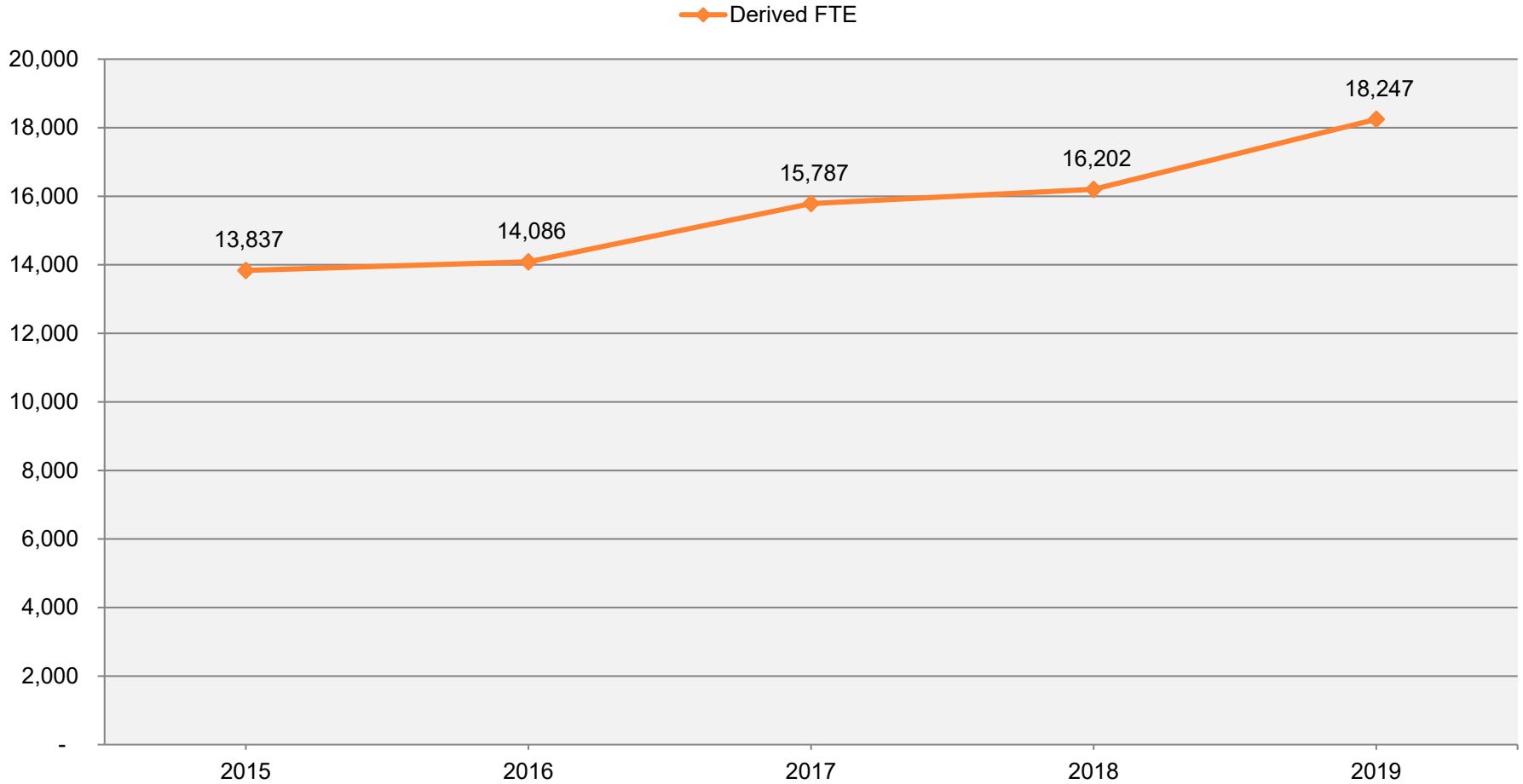


Rate Group 551 - AIR TRANSPORT INDUSTRIES Traumatic Fatalities for 2015-2019 based on March 2020 snapshot

—◆— Traumatic Fatalities Count



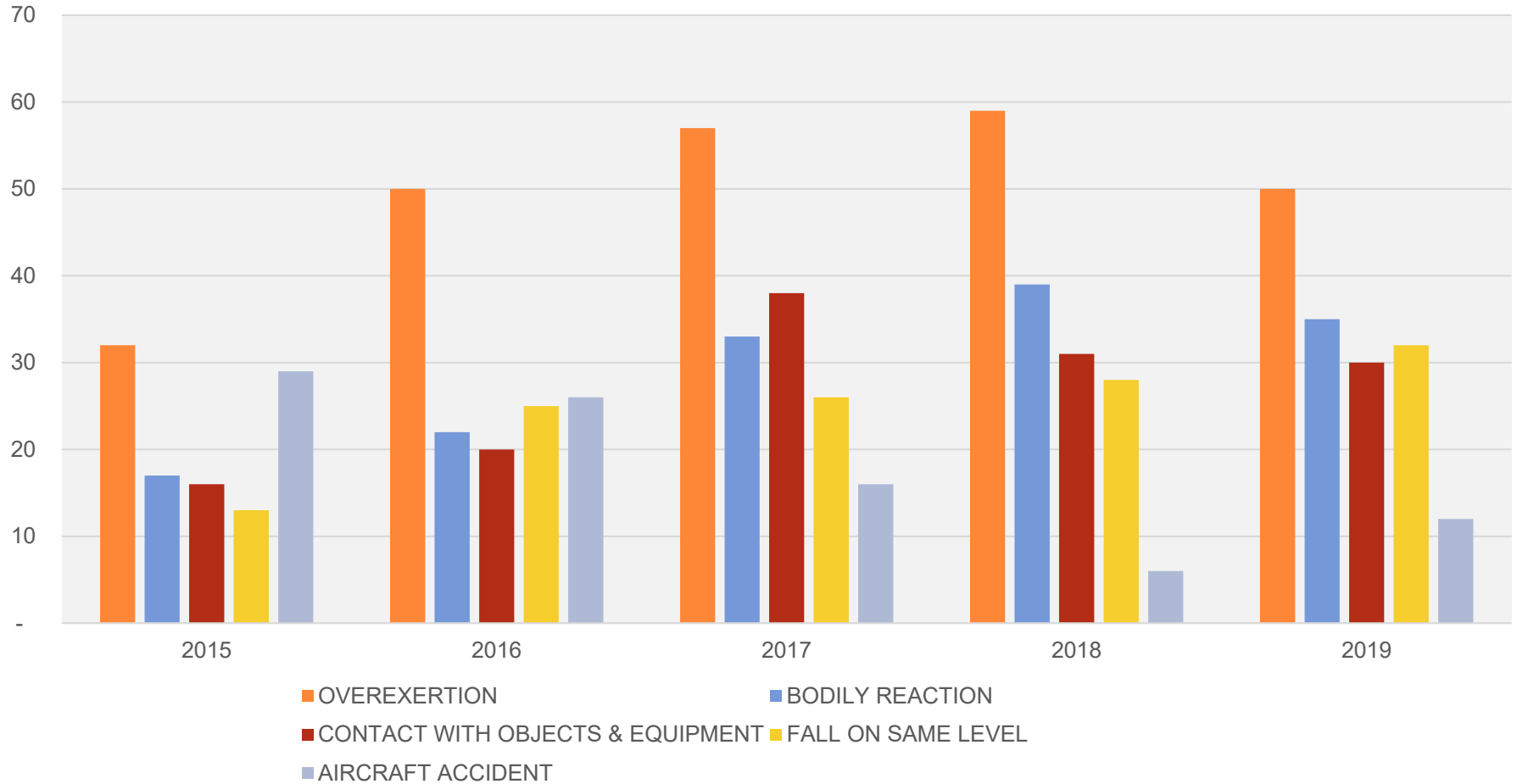
Rate Group 551 - AIR TRANSPORT INDUSTRIES Derived FTE for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Incident Types
Rate Group 551**

Year	OVEREXERTION		BODILY REACTION		CONTACT WITH OBJECTS & EQUIPMENT		FALL ON SAME LEVEL		AIRCRAFT ACCIDENT		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	32	18.7%	17	9.9%	16	9.4%	13	7.6%	29	17.0%	107	62.6%
2016	50	22.7%	22	10.0%	20	9.1%	25	11.4%	26	11.8%	143	65.0%
2017	57	23.3%	33	13.5%	38	15.5%	26	10.6%	16	6.5%	170	69.4%
2018	59	26.2%	39	17.3%	31	13.8%	28	12.4%	6	2.7%	163	72.4%
2019	50	21.6%	35	15.1%	30	12.9%	32	13.8%	12	5.2%	159	68.5%

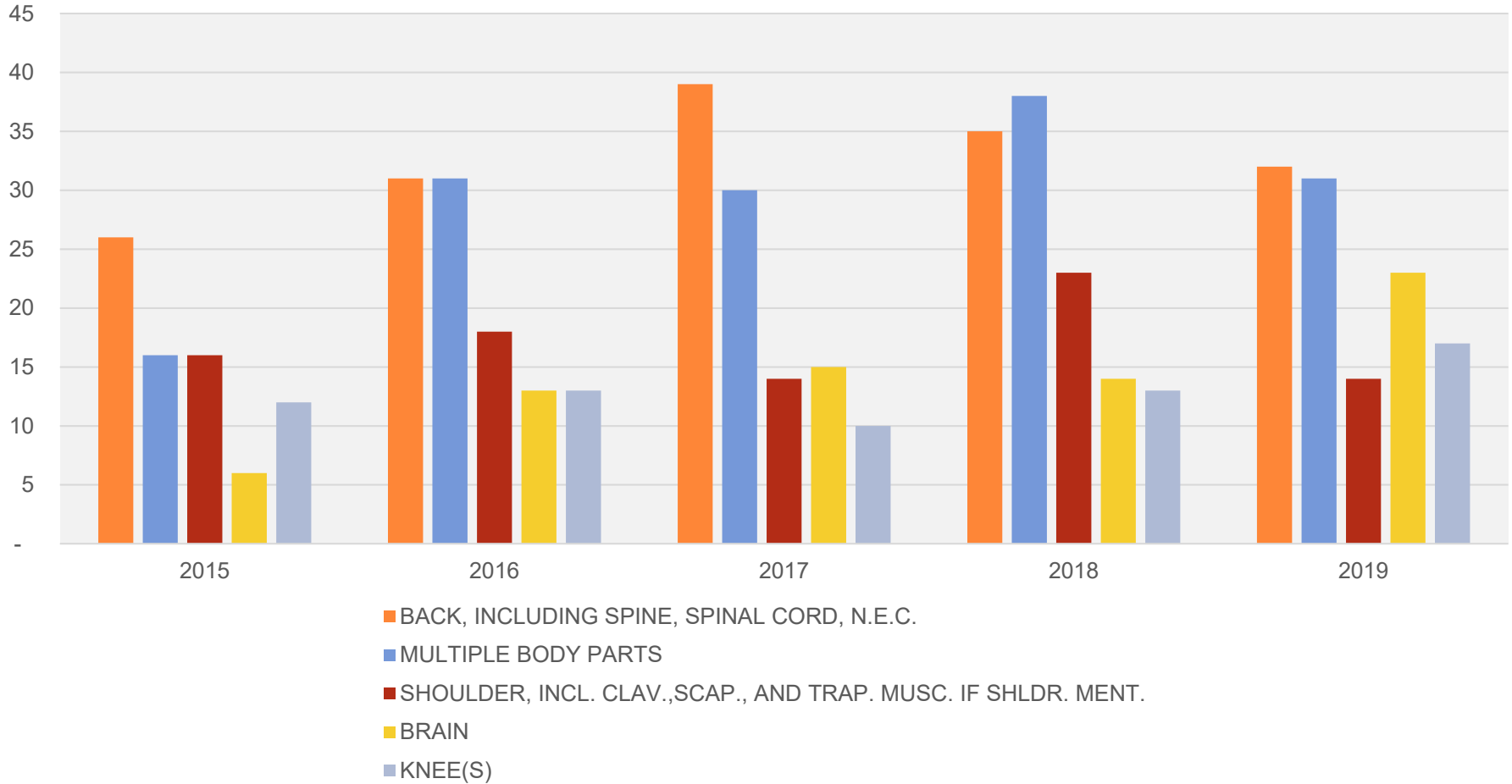
Rate Group 551 - AIR TRANSPORT INDUSTRIES Top 5 Incident Types for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Parts of Body Injured
Rate Group 551**

Year	BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		MULTIPLE BODY PARTS		SHOULDER, INCL. CLAV., SCAP., AND TRAP. MUSC. IF SHLDR. MENT.		BRAIN		KNEE(S)		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	26	15.2%	16	9.4%	16	9.4%	6	3.5%	12	7.0%	76	44.4%
2016	31	14.1%	31	14.1%	18	8.2%	13	5.9%	13	5.9%	106	48.2%
2017	39	15.9%	30	12.2%	14	5.7%	15	6.1%	10	4.1%	108	44.1%
2018	35	15.6%	38	16.9%	23	10.2%	14	6.2%	13	5.8%	123	54.7%
2019	32	13.8%	31	13.4%	14	6.0%	23	9.9%	17	7.3%	117	50.4%

Rate Group 551 - AIR TRANSPORT INDUSTRIES Top 5 Parts of Body Injured for 2015-2019 based on March 2020 snapshot

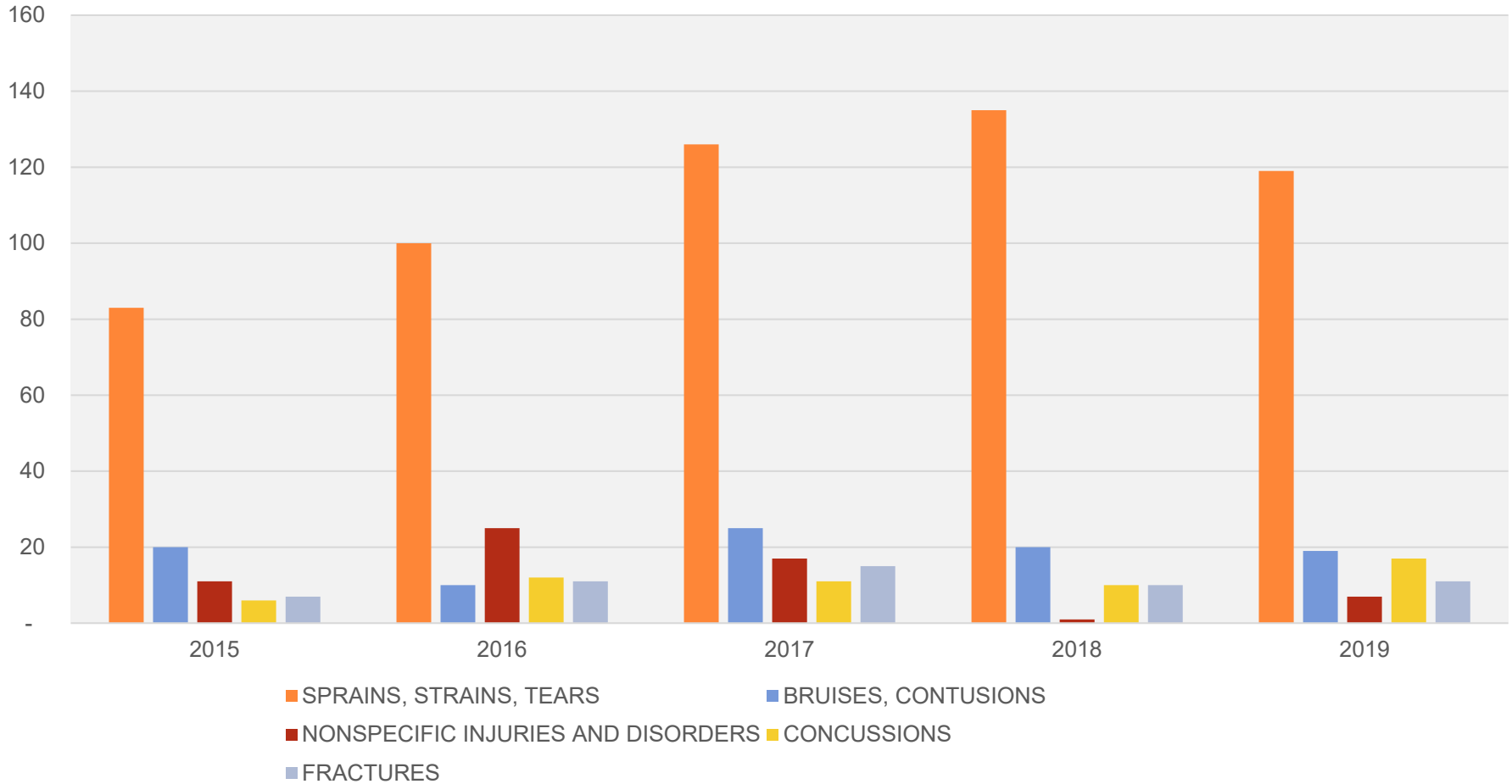


**Top 5 Most Common Nature of Injury Categories
Rate Group 551**

Year	SPRAINS, STRAINS, TEARS		BRUISES, CONTUSIONS		NONSPECIFIC INJURIES AND DISORDERS		CONCUSSIONS		FRACTURES		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	83	48.5%	20	11.7%	11	6.4%	6	3.5%	7	4.1%	127	74.3%
2016	100	45.5%	10	4.5%	25	11.4%	12	5.5%	11	5.0%	158	71.8%
2017	126	51.4%	25	10.2%	17	6.9%	11	4.5%	15	6.1%	194	79.2%
2018	135	60.0%	20	8.9%	1	0.4%	10	4.4%	10	4.4%	176	78.2%
2019	119	51.3%	19	8.2%	7	3.0%	17	7.3%	11	4.7%	173	74.6%

Rate Group 551 - AIR TRANSPORT INDUSTRIES

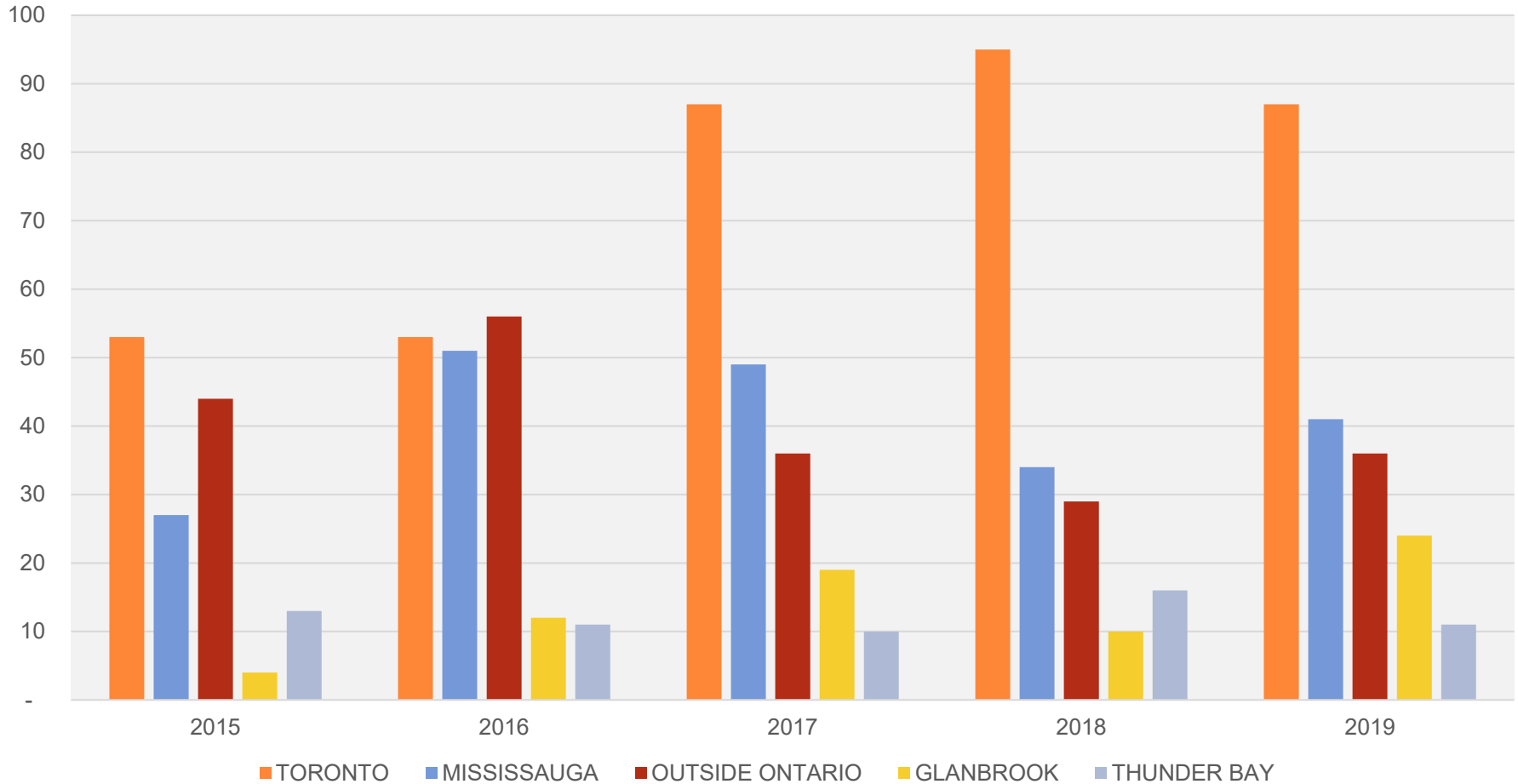
Top 5 Nature of Injury Categories for 2015-2019 based on March 2020 snapshot



**Top 5 Most Common Incident Places
Rate Group 551**

Year	TORONTO		MISSISSAUGA		OUTSIDE ONTARIO		GLANBROOK		THUNDER BAY		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2015	53	31.0%	27	15.8%	44	25.7%	4	2.3%	13	7.6%	141	82.5%
2016	53	24.1%	51	23.2%	56	25.5%	12	5.5%	11	5.0%	183	83.2%
2017	87	35.5%	49	20.0%	36	14.7%	19	7.8%	10	4.1%	201	82.0%
2018	95	42.2%	34	15.1%	29	12.9%	10	4.4%	16	7.1%	184	81.8%
2019	87	37.5%	41	17.7%	36	15.5%	24	10.3%	11	4.7%	199	85.8%

Rate Group 551 - AIR TRANSPORT INDUSTRIES Top 5 Incident Places for 2015-2019 based on March 2020 snapshot

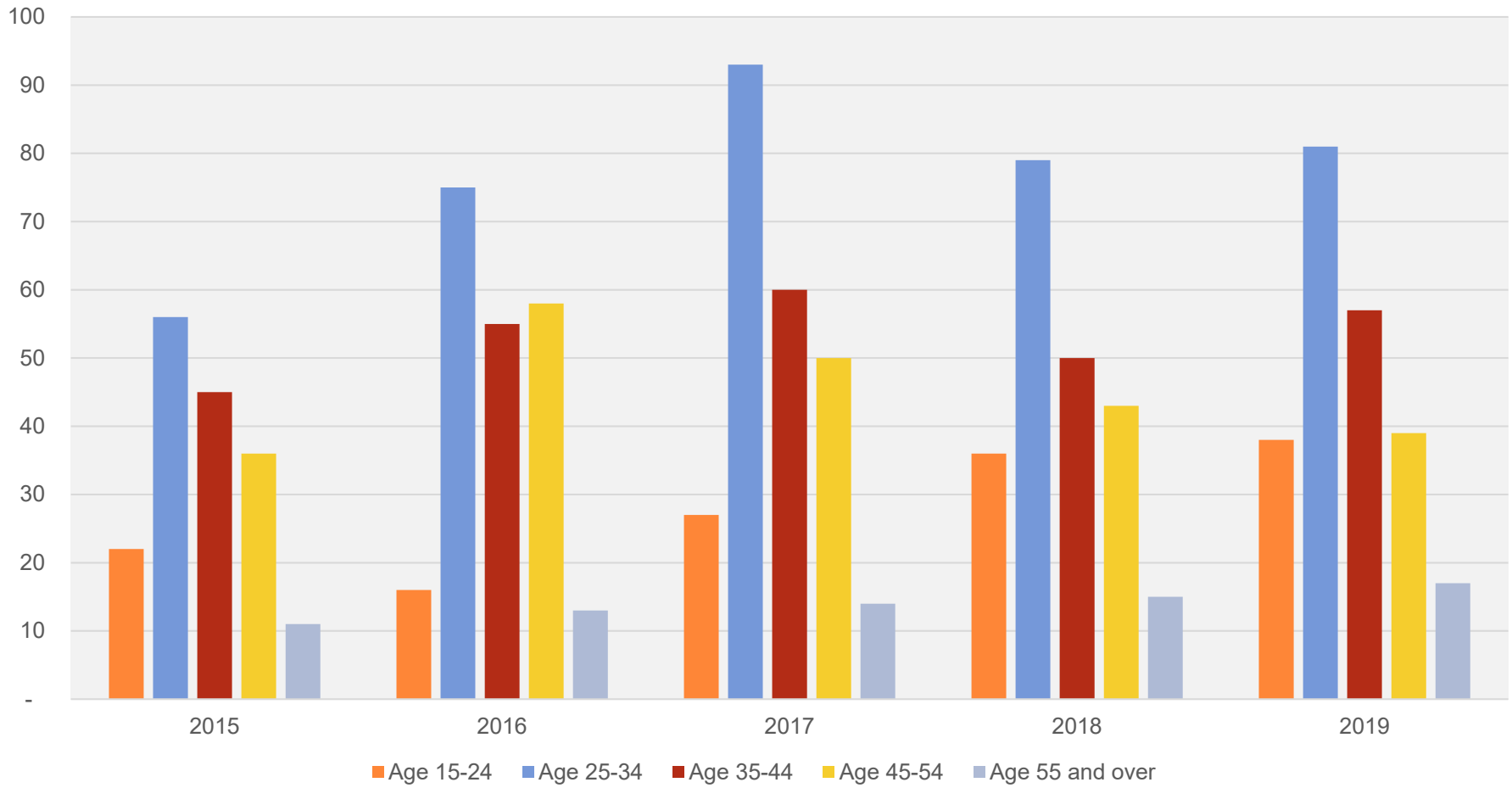


Age Band Breakdown
Rate Group 551

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%	22	12.9%	56	32.7%	45	26.3%	36	21.1%	11	6.4%	-	0.0%
2016	-	0.0%	16	7.3%	75	34.1%	55	25.0%	58	26.4%	13	5.9%	-	0.0%
2017	-	0.0%	27	11.0%	93	38.0%	60	24.5%	50	20.4%	14	5.7%	-	0.0%
2018	-	0.0%	36	16.0%	79	35.1%	50	22.2%	43	19.1%	15	6.7%	-	0.0%
2019	-	0.0%	38	16.4%	81	34.9%	57	24.6%	39	16.8%	17	7.3%	-	0.0%

Rate Group 551 - AIR TRANSPORT INDUSTRIES

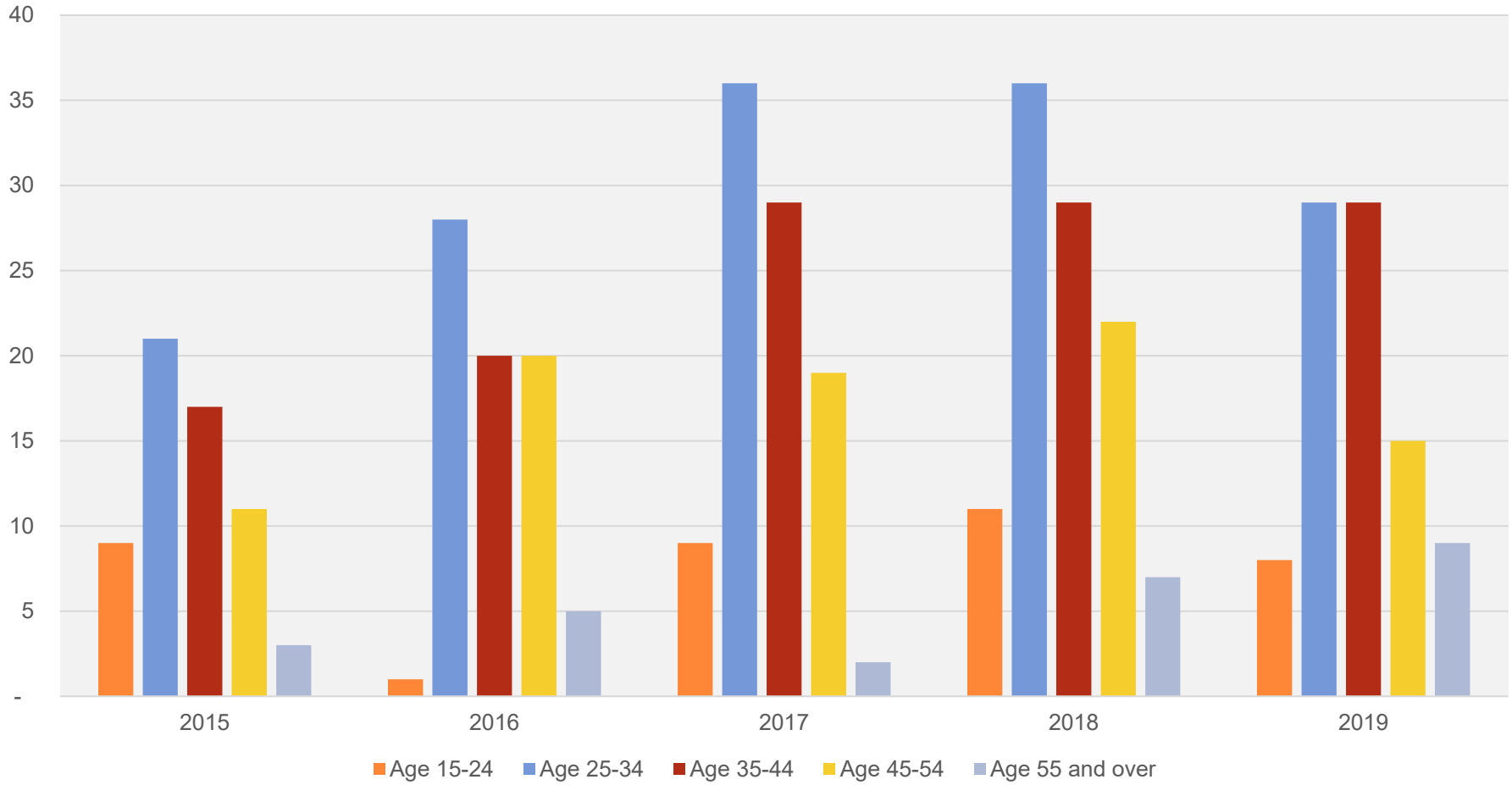
LTIs by Age Band for 2015-2019 based on March 2020 snapshot



MSD Breakdown by Age Band
Rate Group 551

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%	9	14.8%	21	34.4%	17	27.9%	11	18.0%	3	4.9%	-	0.0%
2016	-	0.0%	1	1.4%	28	37.8%	20	27.0%	20	27.0%	5	6.8%	-	0.0%
2017	-	0.0%	9	9.5%	36	37.9%	29	30.5%	19	20.0%	2	2.1%	-	0.0%
2018	-	0.0%	11	10.5%	36	34.3%	29	27.6%	22	21.0%	7	6.7%	-	0.0%
2019	-	0.0%	8	8.9%	29	32.2%	29	32.2%	15	16.7%	9	10.0%	-	0.0%

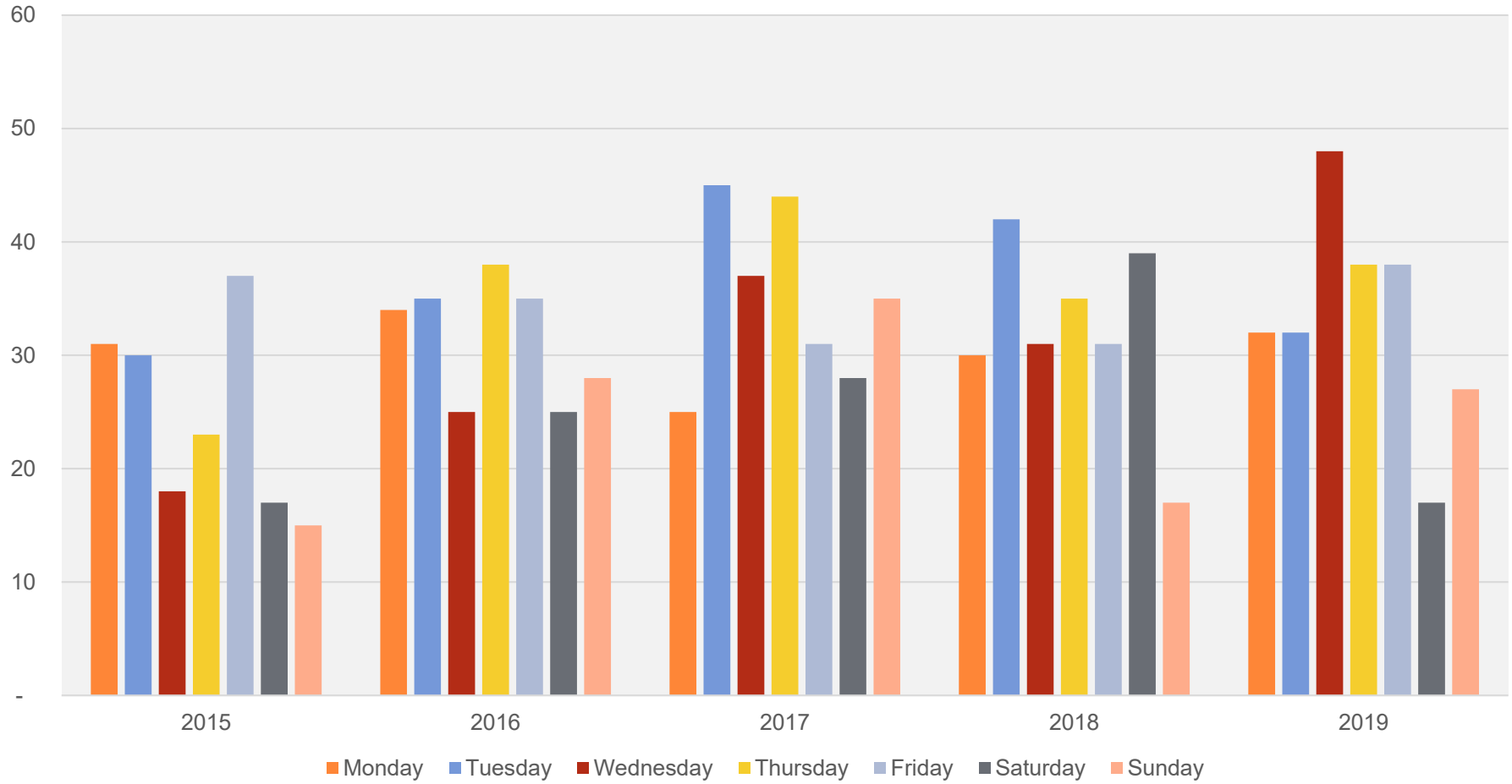
Rate Group 551 - AIR TRANSPORT INDUSTRIES MSD by Age Band for 2015-2019 based on March 2020 snapshot



LTI Breakdown by Day of Week
Rate Group 551

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	31	18.1%	30	17.5%	18	10.5%	23	13.5%	37	21.6%	17	9.9%	15	8.8%
2016	34	15.5%	35	15.9%	25	11.4%	38	17.3%	35	15.9%	25	11.4%	28	12.7%
2017	25	10.2%	45	18.4%	37	15.1%	44	18.0%	31	12.7%	28	11.4%	35	14.3%
2018	30	13.3%	42	18.7%	31	13.8%	35	15.6%	31	13.8%	39	17.3%	17	7.6%
2019	32	13.8%	32	13.8%	48	20.7%	38	16.4%	38	16.4%	17	7.3%	27	11.6%

Rate Group 551 - AIR TRANSPORT INDUSTRIES LTIs by Day of Week for 2015-2019 based on March 2020 snapshot



LTI Breakdown By Month
Rate Group 551

Month	2015		2016		2017		2018		2019	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	17	9.9%	21	9.5%	13	5.3%	25	11.1%	25	10.8%
February	15	8.8%	19	8.6%	15	6.1%	23	10.2%	23	9.9%
March	20	11.7%	19	8.6%	23	9.4%	18	8.0%	27	11.6%
April	17	9.9%	15	6.8%	15	6.1%	10	4.4%	17	7.3%
May	13	7.6%	17	7.7%	18	7.3%	10	4.4%	13	5.6%
June	16	9.4%	13	5.9%	22	9.0%	16	7.1%	17	7.3%
July	12	7.0%	21	9.5%	27	11.0%	19	8.4%	24	10.3%
August	16	9.4%	17	7.7%	24	9.8%	24	10.7%	15	6.5%
September	11	6.4%	16	7.3%	16	6.5%	23	10.2%	8	3.4%
October	7	4.1%	14	6.4%	23	9.4%	13	5.8%	15	6.5%
November	10	5.8%	21	9.5%	21	8.6%	15	6.7%	17	7.3%
December	17	9.9%	27	12.3%	28	11.4%	29	12.9%	31	13.4%

Rate Group 551 - AIR TRANSPORT INDUSTRIES LTIs by Month for 2015-2019 based on March 2020 snapshot

