

Rate Group 551 – Air Transport Industries

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 551			
	2018	2017	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)	2.51	2.60	-3.6%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)	403	411	-1.9%
Traumatic Fatalities Count	Allowed	1	-
	Pending	0	-
LTI Rate	1.36	1.54	-11.8%
LTI Count	218	243	-10.3%
NLTI Count	184	167	10.2%
FTE	16,052	15,780	1.7%

Lost Time Injury Profile. Rate Group 551						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	104	0.65	94	0.60	10.6%	8.8%
Falls	39	0.24	32	0.20	21.9%	19.8%
Machinery	3	0.02	4	0.03	-25.0%	-26.3%
MVIs	3	0.02	2	0.01	50.0%	47.5%
Critical Injuries	15	0.09	18	0.11	-16.7%	-18.1%
New Worker	5	0.03	3	0.02	66.7%	63.8%
Young Worker	36	0.22	27	0.17	33.3%	31.1%

High Impact Claims. Rate Group 551						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	38	0.24	40	0.25	-5.0%	-6.6%
Shoulder	22	0.14	14	0.09	57.1%	54.5%
Fractures	9	0.06	12	0.08	-25.0%	-26.3%
Total HI Claims	69	0.43	66	0.42	4.5%	2.8%

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 551 – Air Transport Industries

Member Injury Performance Analysis for 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 551								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2014	187	1.43	2	142	1.08	331	2.53	13,099
2015	171	1.24	3	177	1.28	351	2.54	13,837
2016	220	1.57	1	166	1.18	387	2.76	14,041
2017	243	1.54	1	167	1.06	411	2.60	15,780
2018	218	1.36	1	184	1.15	403	2.51	16,052

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

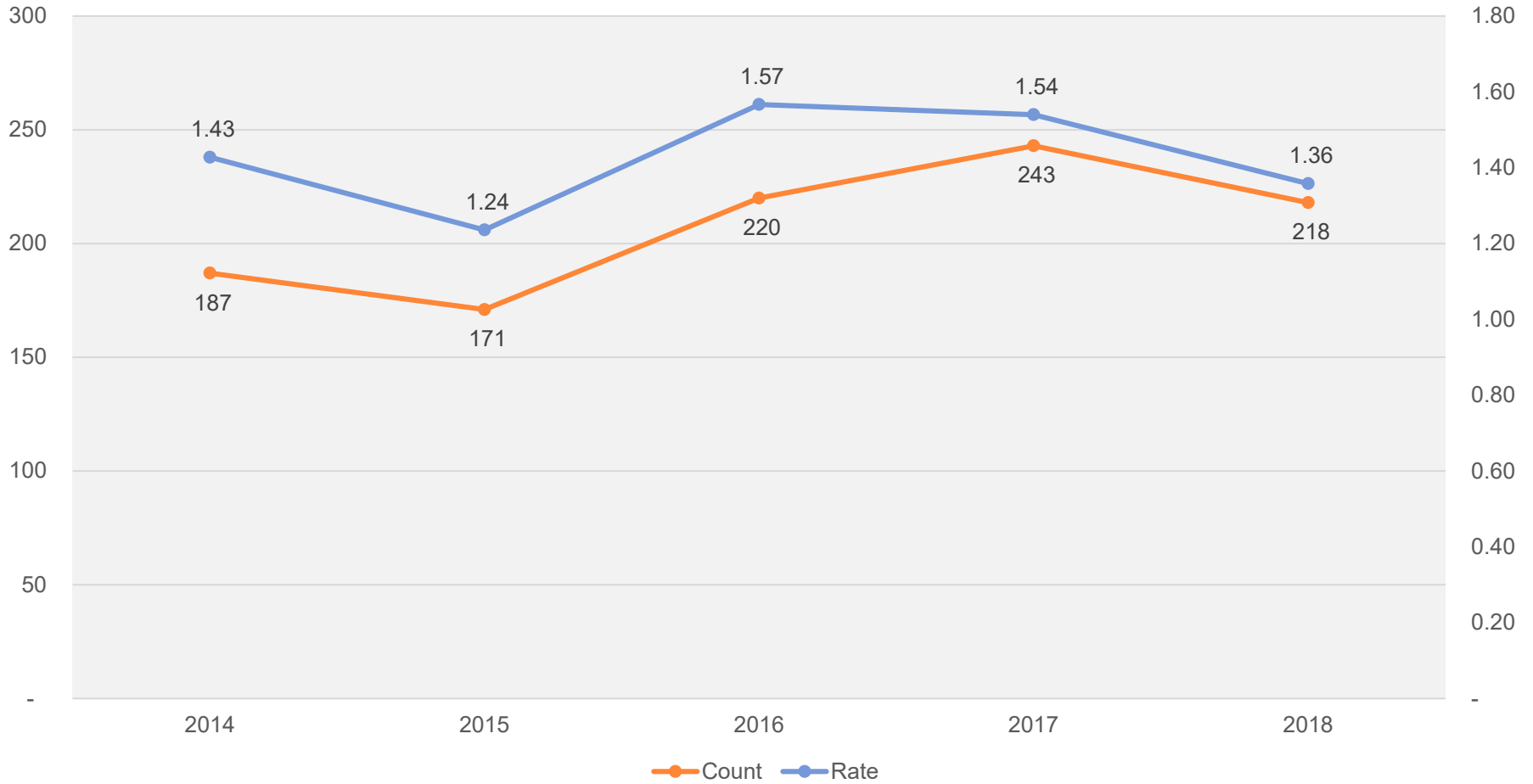
Lost-time Injury Profile Rate Group 551														
Year	MSDs		Falls		Machinery		MVIs		Critical Injuries		New Worker		Young Worker	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	76	0.58	38	0.29	1	0.01	2	0.02	10	0.08	-	-	20	0.15
2015	61	0.44	23	0.17	1	0.01	1	0.01	8	0.06	2	0.01	22	0.16
2016	74	0.53	37	0.26	4	0.03	1	0.01	18	0.13	9	0.06	16	0.11
2017	94	0.60	32	0.20	4	0.03	2	0.01	18	0.11	3	0.02	27	0.17
2018	104	0.65	39	0.24	3	0.02	3	0.02	15	0.09	5	0.03	36	0.22

High Impact Lost-time Injury Profile
Rate Group 551

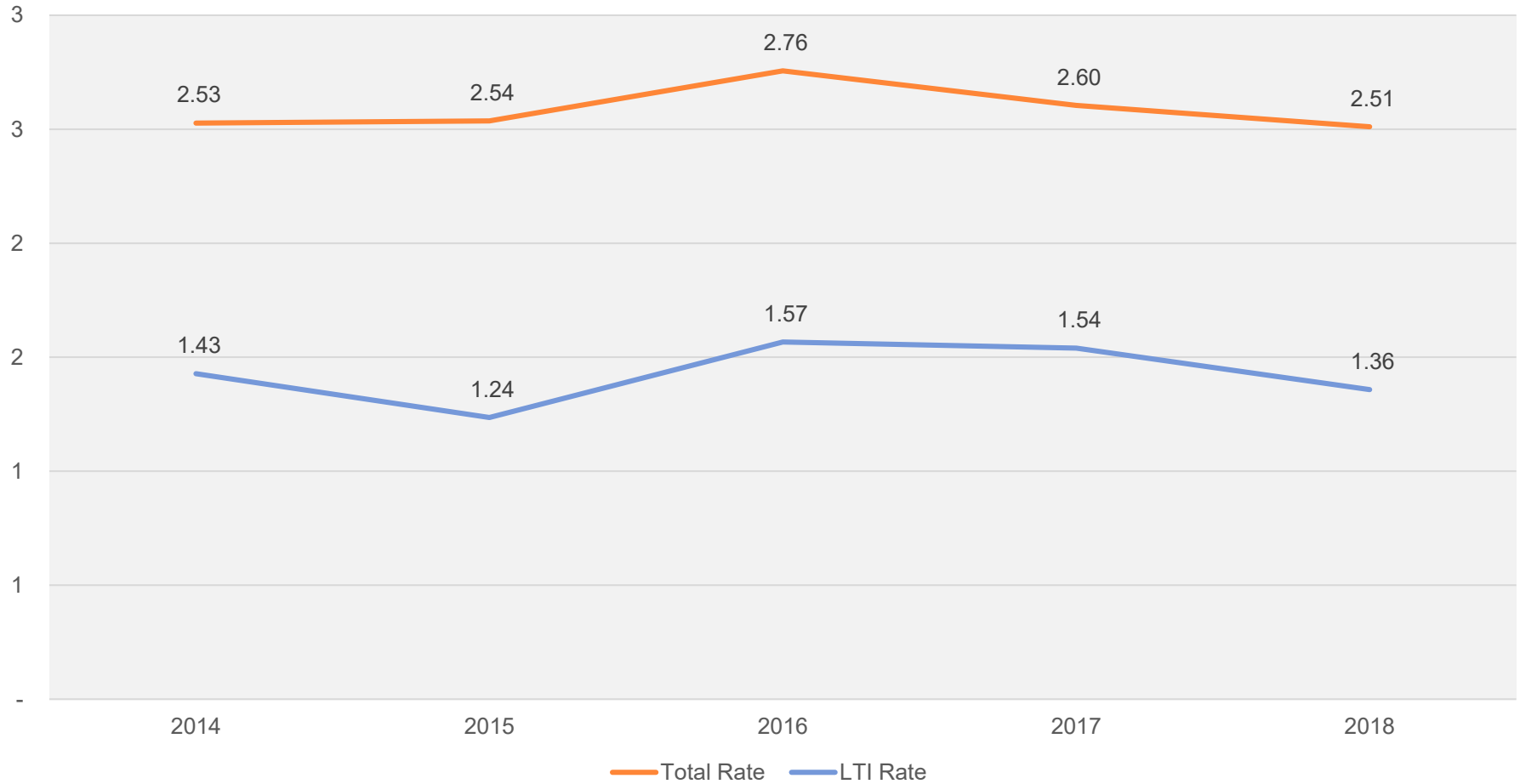
Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	26	0.20	15	0.11	14	0.11	55	0.42
2015	33	0.24	16	0.12	7	0.05	56	0.40
2016	44	0.31	18	0.13	11	0.08	73	0.52
2017	40	0.25	14	0.09	12	0.08	66	0.42
2018	38	0.24	22	0.14	9	0.06	69	0.43

Rate Group 551 - AIR TRANSPORT INDUSTRIES

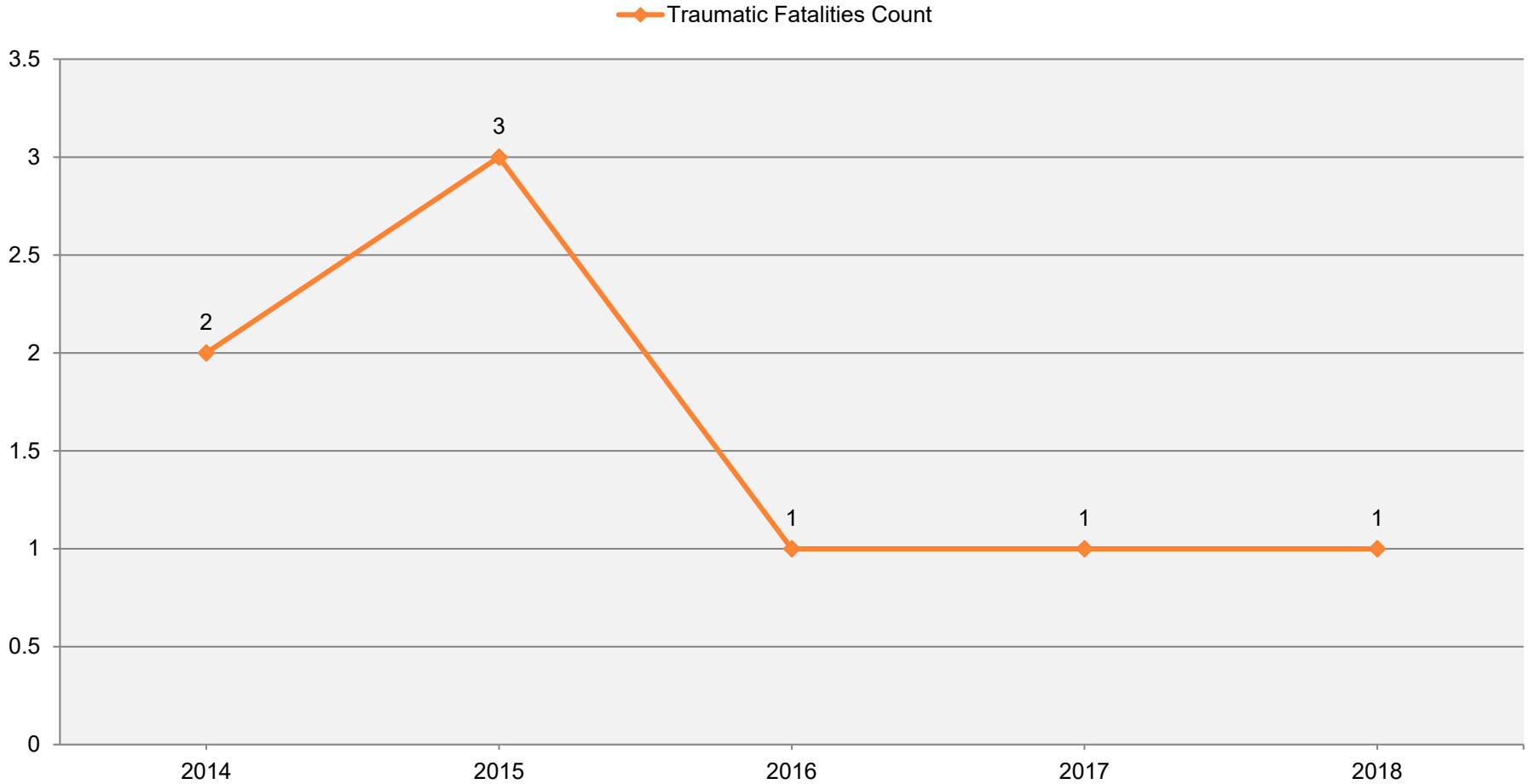
LTI Count and Rate for 2014-2018 based on March 2019 snapshot



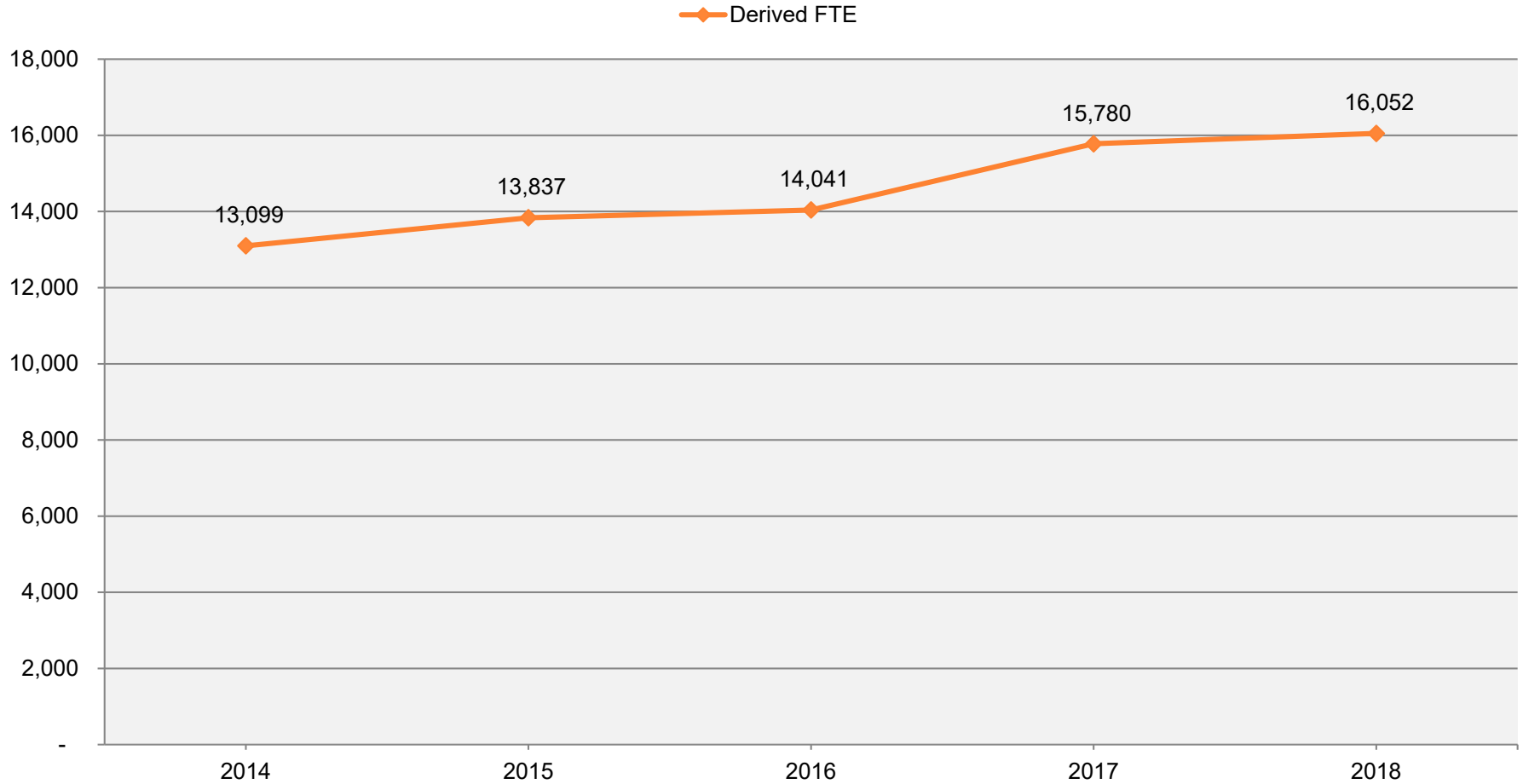
Rate Group 551 - AIR TRANSPORT INDUSTRIES LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 551 - AIR TRANSPORT INDUSTRIES Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



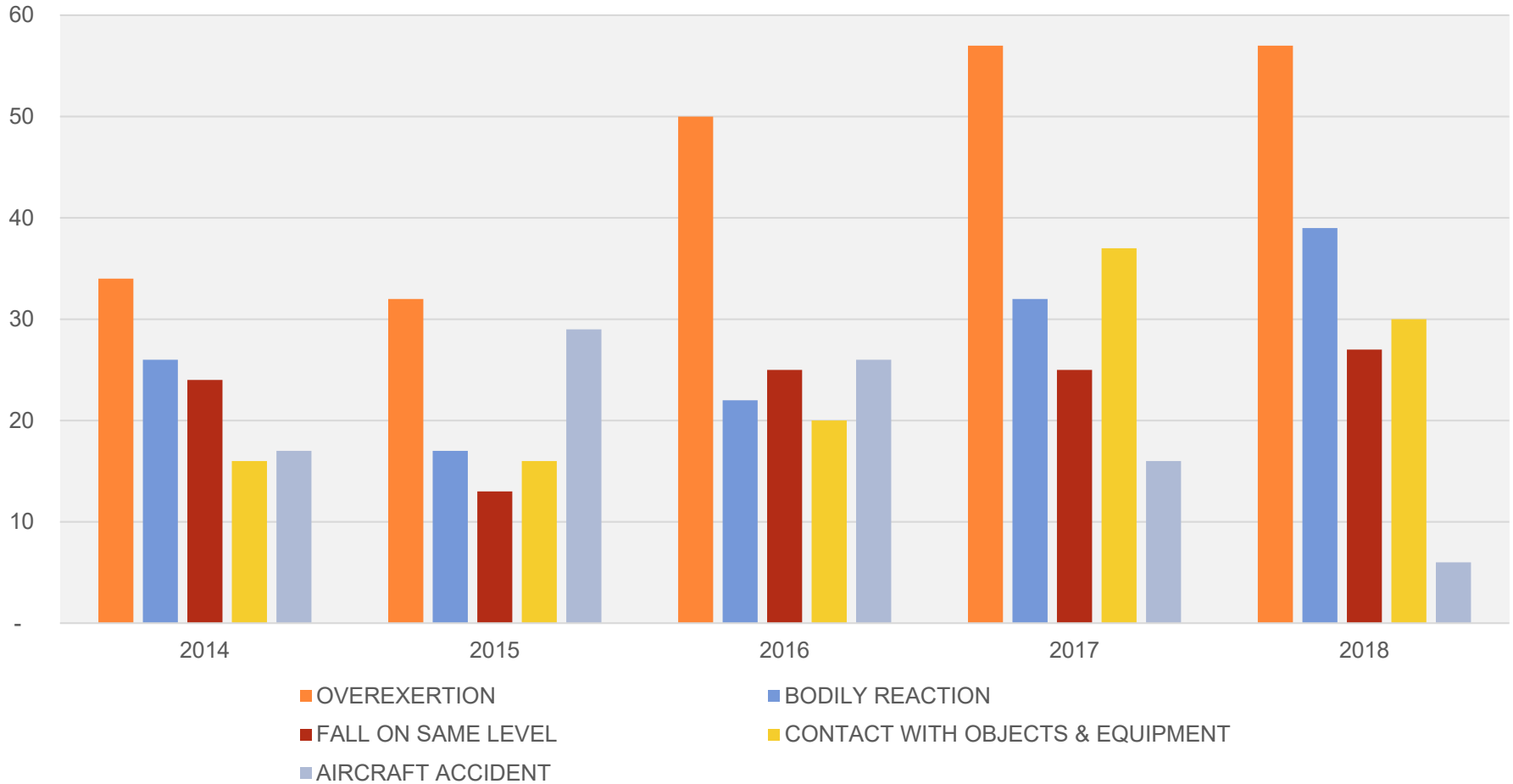
Rate Group 551 - AIR TRANSPORT INDUSTRIES Derived FTE for 2014-2018 based on March 2019 snapshot



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

Year	OVEREXERTION		BODILY REACTION		FALL ON SAME LEVEL		CONTACT WITH OBJECTS & EQUIPMENT		AIRCRAFT ACCIDENT		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	34	18.2%	26	13.9%	24	12.8%	16	8.6%	17	9.1%	117	62.6%
2015	32	18.7%	17	9.9%	13	7.6%	16	9.4%	29	17.0%	107	62.6%
2016	50	22.7%	22	10.0%	25	11.4%	20	9.1%	26	11.8%	143	65.0%
2017	57	23.5%	32	13.2%	25	10.3%	37	15.2%	16	6.6%	167	68.7%
2018	57	26.1%	39	17.9%	27	12.4%	30	13.8%	6	2.8%	159	72.9%

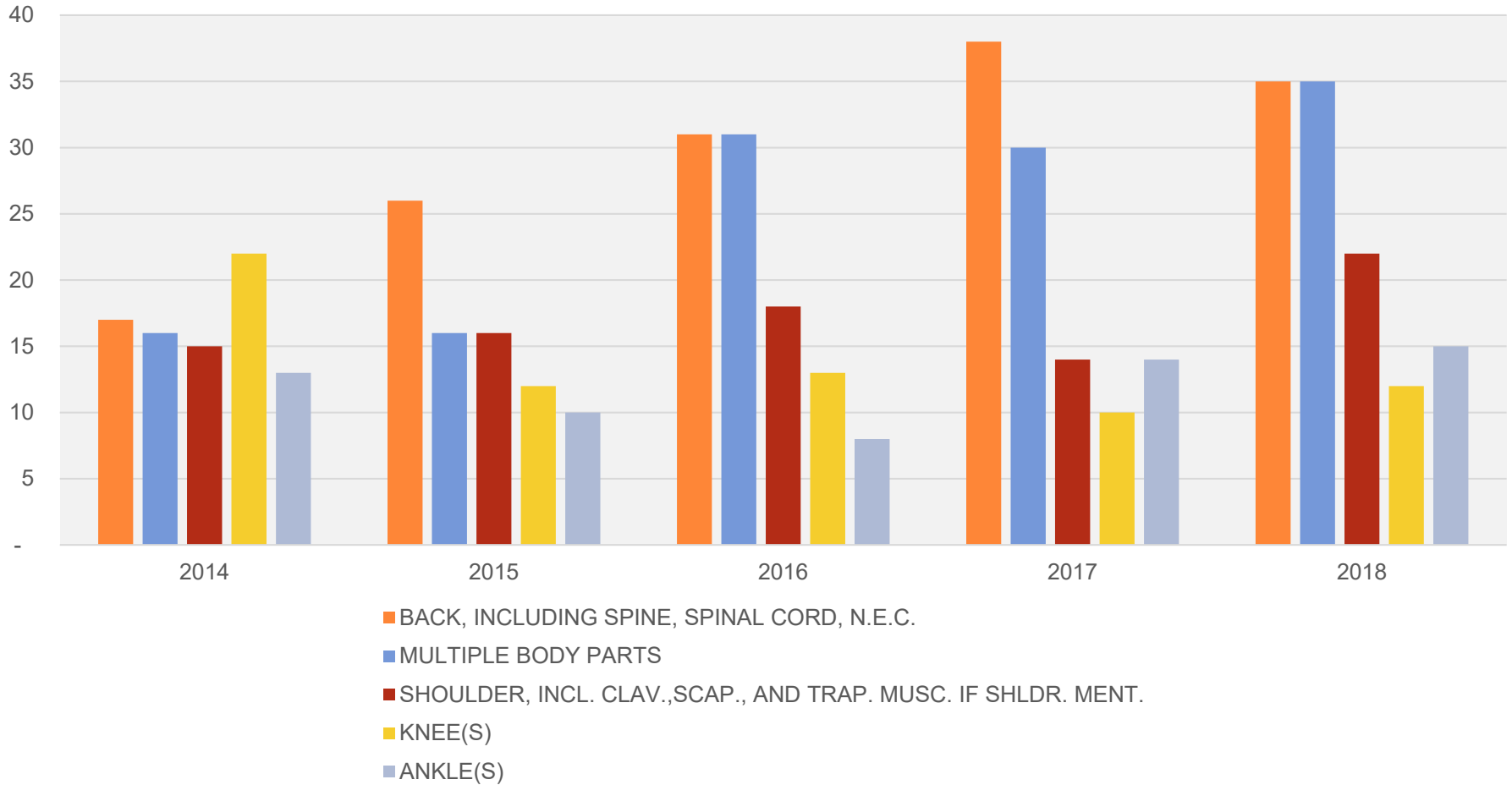
Rate Group 551 - AIR TRANSPORT INDUSTRIES Top 5 Incident Types for 2014-2018 based on March 2019 snapshot



**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.		KNEE(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	17	9.1%	16	8.6%	15	8.0%	22	11.8%	13	7.0%	83	44.4%
2015	26	15.2%	16	9.4%	16	9.4%	12	7.0%	10	5.8%	80	46.8%
2016	31	14.1%	31	14.1%	18	8.2%	13	5.9%	8	3.6%	101	45.9%
2017	38	15.6%	30	12.3%	14	5.8%	10	4.1%	14	5.8%	106	43.6%
2018	35	16.1%	35	16.1%	22	10.1%	12	5.5%	15	6.9%	119	54.6%

Rate Group 551 - AIR TRANSPORT INDUSTRIES Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot

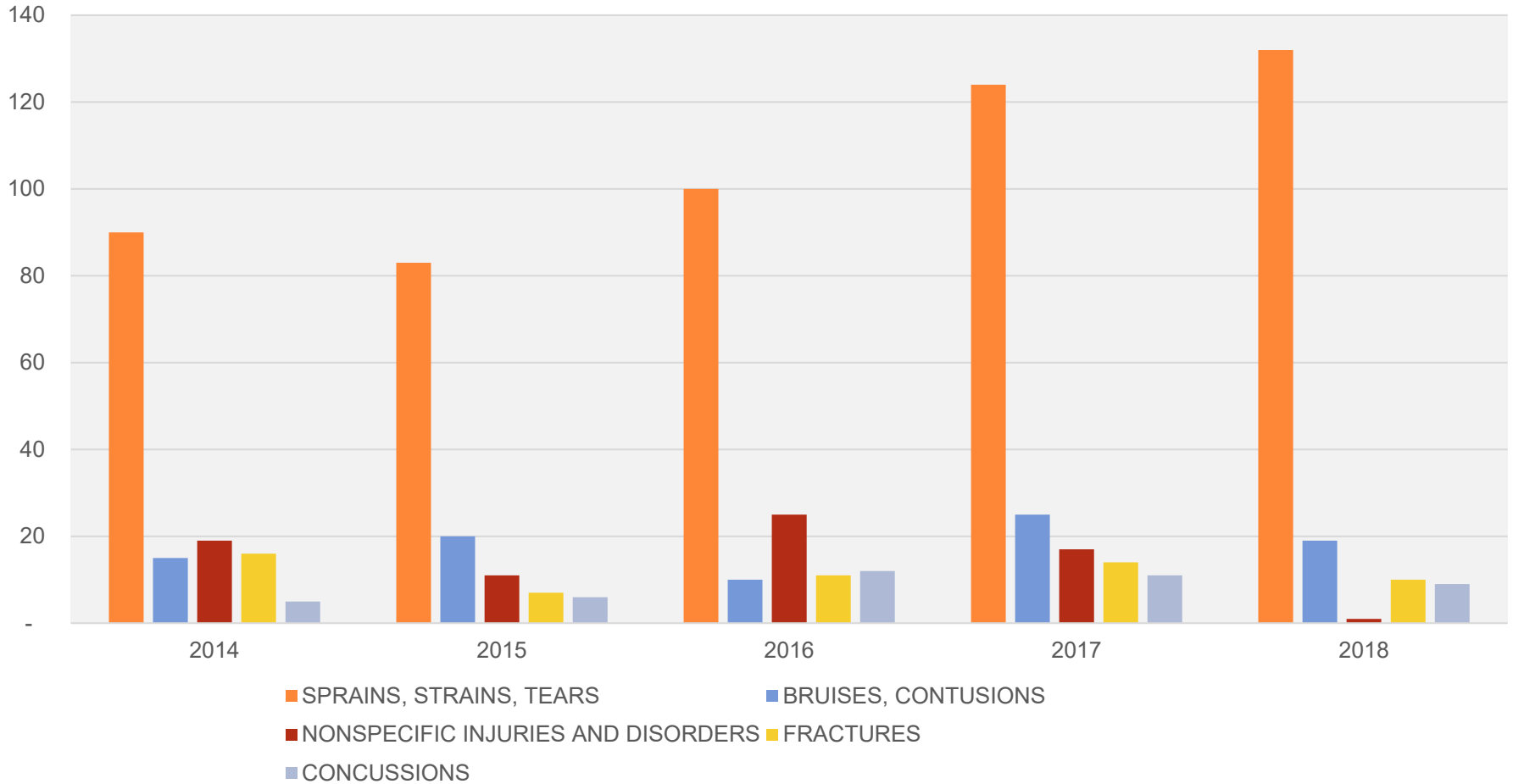


**Top 5 Most Common Nature of Injury Categories
Rate Group 551**

Year	SPRAINS, STRAINS, TEARS		BRUISES, CONTUSIONS		NONSPECIFIC INJURIES AND DISORDERS		FRACTURES		CONCUSSIONS		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	90	48.1%	15	8.0%	19	10.2%	16	8.6%	5	2.7%	145	77.5%
2015	83	48.5%	20	11.7%	11	6.4%	7	4.1%	6	3.5%	127	74.3%
2016	100	45.5%	10	4.5%	25	11.4%	11	5.0%	12	5.5%	158	71.8%
2017	124	51.0%	25	10.3%	17	7.0%	14	5.8%	11	4.5%	191	78.6%
2018	132	60.6%	19	8.7%	1	0.5%	10	4.6%	9	4.1%	171	78.4%

Rate Group 551 - AIR TRANSPORT INDUSTRIES

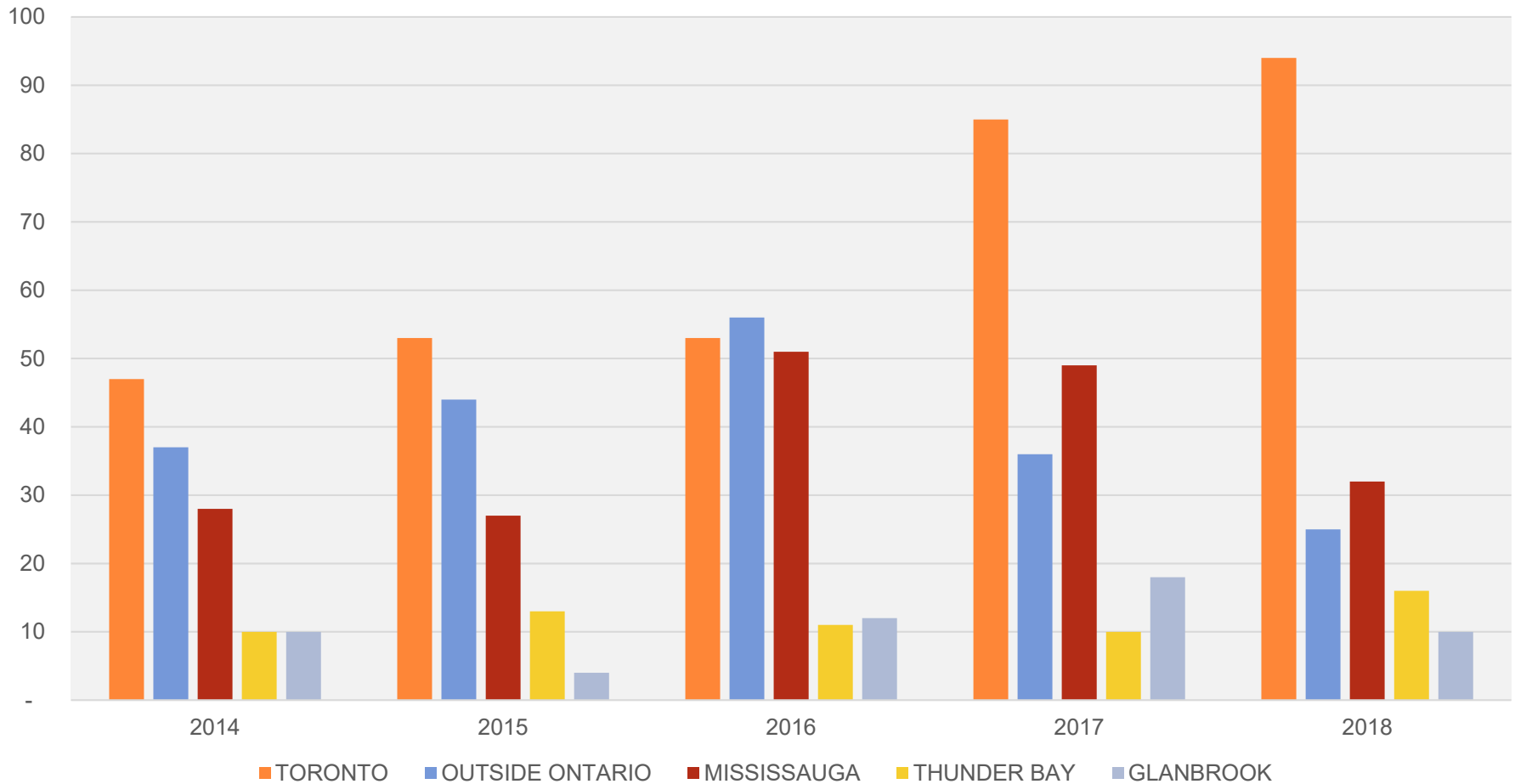
Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



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

Year	TORONTO		OUTSIDE ONTARIO		MISSISSAUGA		THUNDER BAY		GLANBROOK		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	47	25.1%	37	19.8%	28	15.0%	10	5.3%	10	5.3%	132	70.6%
2015	53	31.0%	44	25.7%	27	15.8%	13	7.6%	4	2.3%	141	82.5%
2016	53	24.1%	56	25.5%	51	23.2%	11	5.0%	12	5.5%	183	83.2%
2017	85	35.0%	36	14.8%	49	20.2%	10	4.1%	18	7.4%	198	81.5%
2018	94	43.1%	25	11.5%	32	14.7%	16	7.3%	10	4.6%	177	81.2%

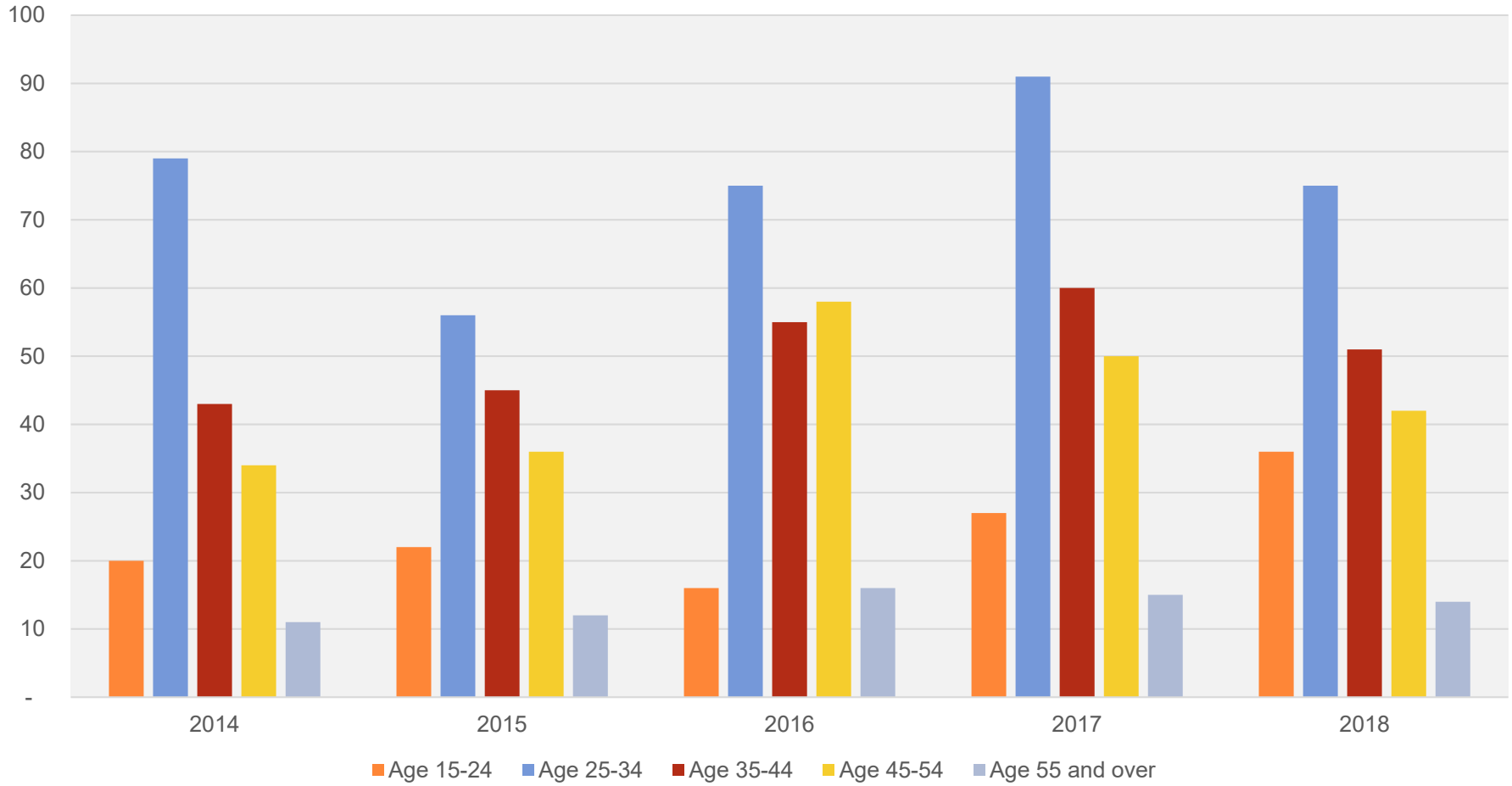
Rate Group 551 - AIR TRANSPORT INDUSTRIES Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



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
2014	-	0.0%	20	10.7%	79	42.2%	43	23.0%	34	18.2%	11	5.9%	-	0.0%
2015	-	0.0%	22	12.9%	56	32.7%	45	26.3%	36	21.1%	12	7.0%	-	0.0%
2016	-	0.0%	16	7.3%	75	34.1%	55	25.0%	58	26.4%	16	7.3%	-	0.0%
2017	-	0.0%	27	11.1%	91	37.4%	60	24.7%	50	20.6%	15	6.2%	-	0.0%
2018	-	0.0%	36	16.5%	75	34.4%	51	23.4%	42	19.3%	14	6.4%	-	0.0%

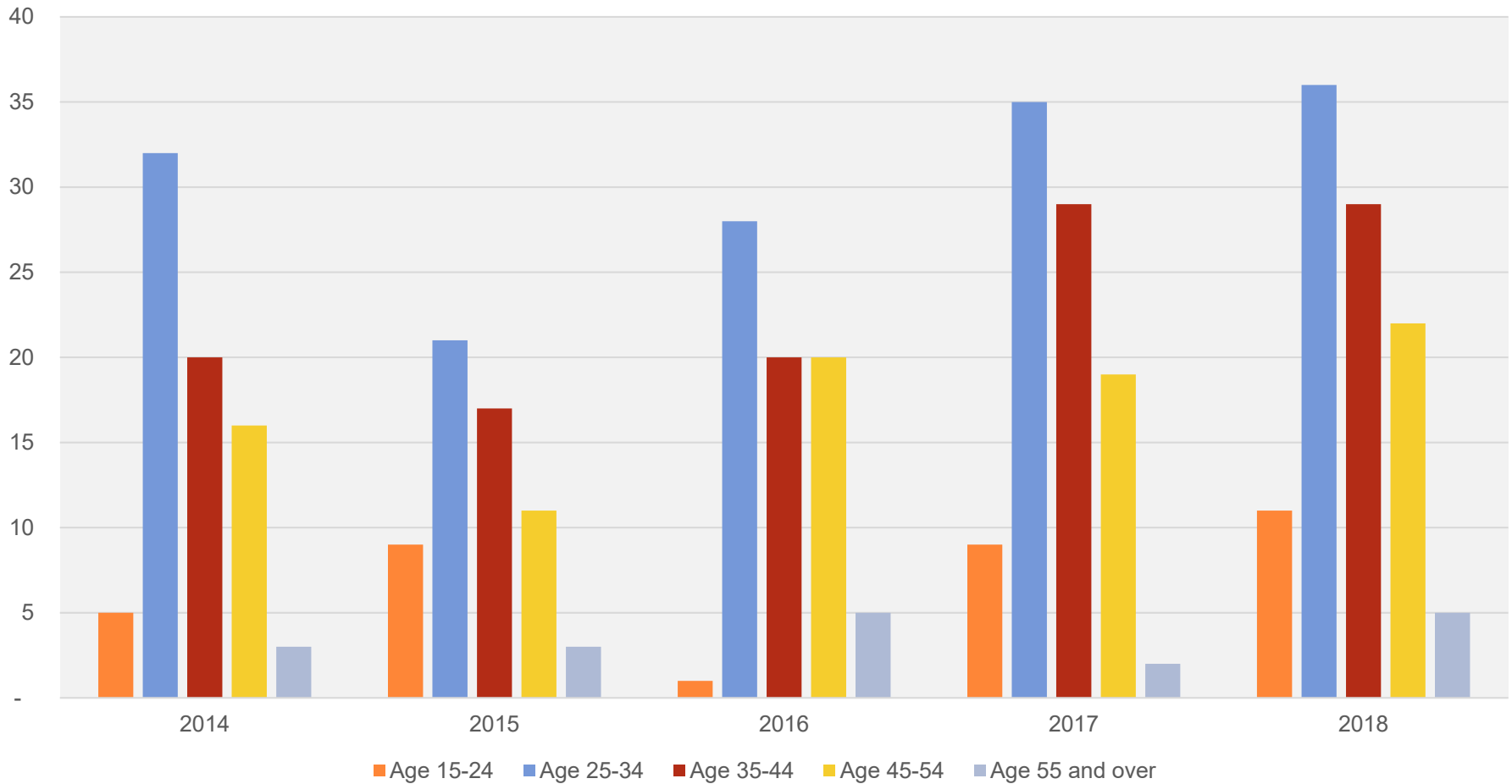
Rate Group 551 - AIR TRANSPORT INDUSTRIES **LTIs by Age Band for 2014-2018 based on March 2019 snapshot**



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
2014	-	0.0%	5	6.6%	32	42.1%	20	26.3%	16	21.1%	3	3.9%	-	0.0%
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	9.6%	35	37.2%	29	30.9%	19	20.2%	2	2.1%	-	0.0%
2018	-	0.0%	11	10.7%	36	35.0%	29	28.2%	22	21.4%	5	4.9%	-	0.0%

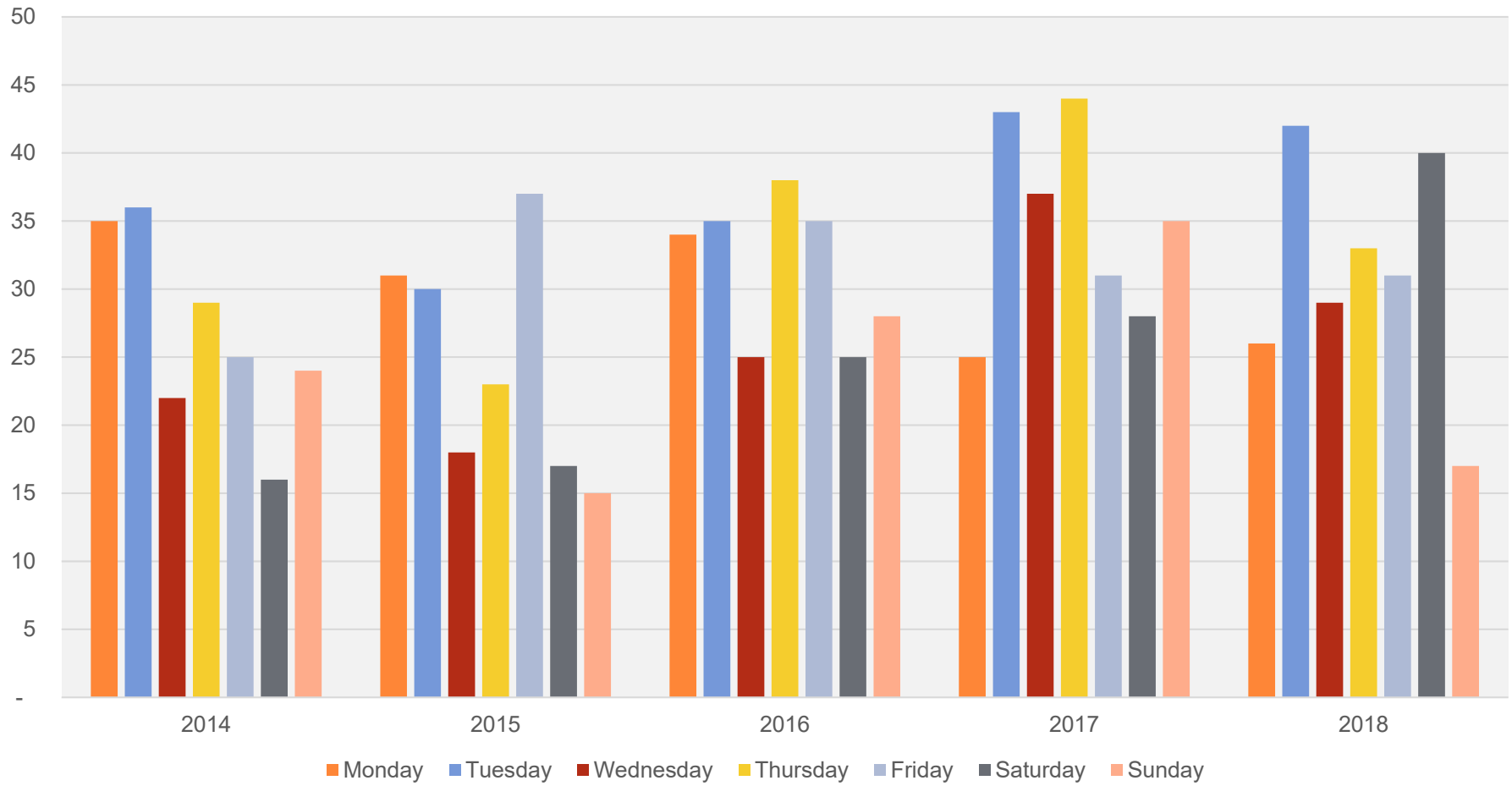
Rate Group 551 - AIR TRANSPORT INDUSTRIES MSD by Age Band for for 2014-2018 based on March 2019 snapshot



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
2014	35	18.7%	36	19.3%	22	11.8%	29	15.5%	25	13.4%	16	8.6%	24	12.8%
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	10.3%	43	17.7%	37	15.2%	44	18.1%	31	12.8%	28	11.5%	35	14.4%
2018	26	11.9%	42	19.3%	29	13.3%	33	15.1%	31	14.2%	40	18.3%	17	7.8%

Rate Group 551 - AIR TRANSPORT INDUSTRIES LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 551

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	15	8.0%	17	9.9%	21	9.5%	13	5.3%	25	11.5%
February	18	9.6%	15	8.8%	19	8.6%	15	6.2%	23	10.6%
March	20	10.7%	20	11.7%	19	8.6%	23	9.5%	17	7.8%
April	17	9.1%	17	9.9%	15	6.8%	15	6.2%	10	4.6%
May	13	7.0%	13	7.6%	17	7.7%	18	7.4%	10	4.6%
June	12	6.4%	16	9.4%	13	5.9%	22	9.1%	15	6.9%
July	17	9.1%	12	7.0%	21	9.5%	26	10.7%	19	8.7%
August	13	7.0%	16	9.4%	17	7.7%	24	9.9%	24	11.0%
September	15	8.0%	11	6.4%	16	7.3%	16	6.6%	23	10.6%
October	13	7.0%	7	4.1%	14	6.4%	23	9.5%	11	5.0%
November	16	8.6%	10	5.8%	21	9.5%	20	8.2%	14	6.4%
December	18	9.6%	17	9.9%	27	12.3%	28	11.5%	27	12.4%

Rate Group 551 - AIR TRANSPORT INDUSTRIES LTIs by Month for 2014-2018 based on March 2019 snapshot

