

Rate Group 835 – Oil, Power & Water Distribution

Member Firm Injury Performance

Based on the March 2019 Snapshot

Overall Injury Performance in Rate Group 835				
		2018	2017	% Change
Total Injury Rate (LTIs+NLTIs+Tr Fatalities)		3.09	3.17	-2.7%
Total Injury Count (LTIs+NLTIs+Tr Fatalities)		605	630	-4.0%
Traumatic Fatalities Count	Allowed	0	4	-
	Pending	0	0	-
LTI Rate		0.58	0.61	-5.3%
LTI Count		114	122	-6.6%
NLTI Count		491	504	-2.6%
FTE		19,594	19,847	-1.3%

Lost Time Injury Profile. Rate Group 835						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
MSDs	48	0.24	46	0.23	4.3%	5.7%
Falls	22	0.11	23	0.12	-4.3%	-3.1%
Machinery	2	0.01	3	0.02	-33.3%	-32.5%
MVIs	3	0.02	3	0.02	0.0%	1.3%
Critical Injuries	13	0.07	12	0.06	8.3%	9.7%
New Worker	-	-	2	0.01	-100.0%	-100.0%
Young Worker	6	0.03	16	0.08	-62.5%	-62.0%

High Impact Claims. Rate Group 835						
	2018		2017		% Change	
	Count	Rate	Count	Rate	Count	Rate
Lower Back	23	0.12	20	0.10	15.0%	16.5%
Shoulder	9	0.05	6	0.03	50.0%	51.9%
Fractures	19	0.10	16	0.08	18.8%	20.3%
Total HI Claims	51	0.26	42	0.21	21.4%	23.0%

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.

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Member Injury Performance Analysis for 2014-2018

Based on March 2019 Snapshot

Overall Injury Performance Rate Group 835								
Year	LTIs			Non LTIs		Total*		Derived FTE
	Count	Rate	Traumatic Fatalities	Count	Rate	Count	Rate	
2014	97	0.48	2	610	3.01	709	3.50	20,275
2015	88	0.46	0	555	2.92	643	3.39	18,991
2016	117	0.58	0	570	2.85	687	3.43	20,005
2017	122	0.61	4	504	2.54	630	3.17	19,847
2018	114	0.58	0	491	2.51	605	3.09	19,594

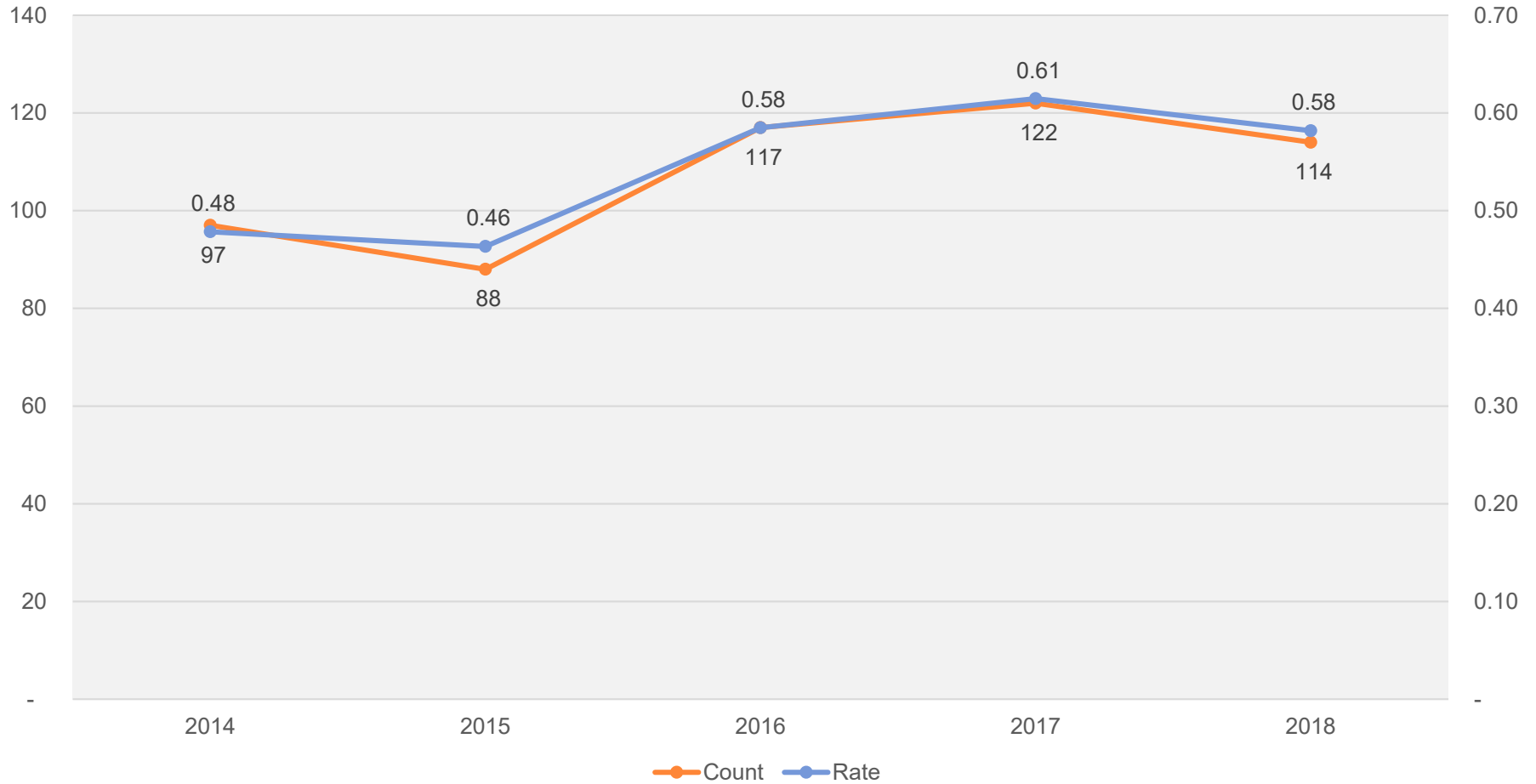
*Total Injury Count = Traumatic Fatality Count + LTI Count + Non LTI Count

Lost-time Injury Profile Rate Group 835														
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	36	0.18	25	0.12	1	0.00	4	0.02	3	0.01	1	0.00	5	0.02
2015	32	0.17	21	0.11	3	0.02	-	-	13	0.07	-	-	3	0.02
2016	45	0.22	28	0.14	3	0.01	3	0.01	15	0.07	3	0.01	6	0.03
2017	46	0.23	23	0.12	3	0.02	3	0.02	12	0.06	2	0.01	16	0.08
2018	48	0.24	22	0.11	2	0.01	3	0.02	13	0.07	-	-	6	0.03

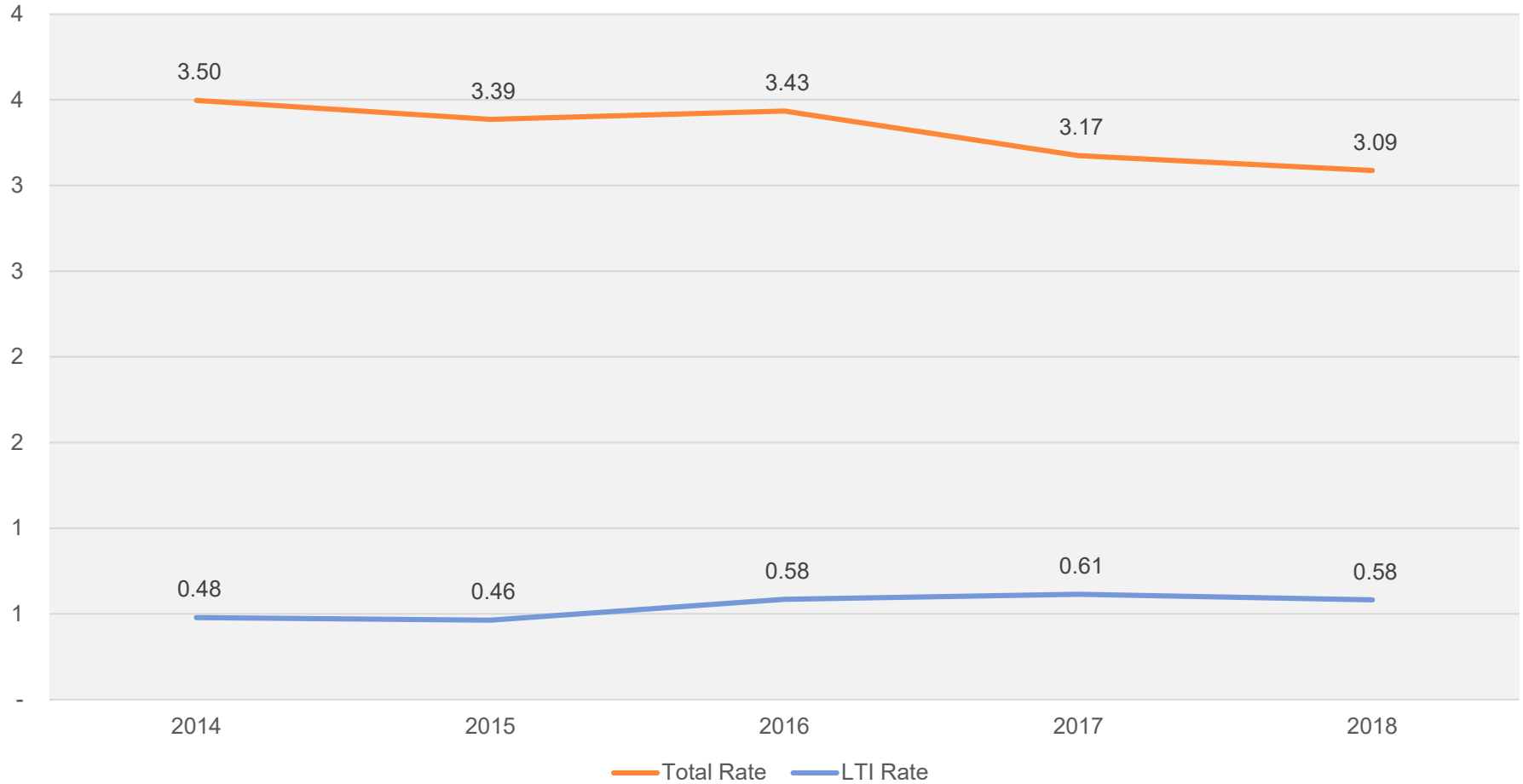
High Impact Lost-time Injury Profile
Rate Group 835

Year	Lower Back		Shoulder		Fracture		Total	
	Count	Rate	Count	Rate	Count	Rate	Count	Rate
2014	17	0.08	8	0.04	8	0.04	33	0.16
2015	11	0.06	5	0.03	8	0.04	24	0.13
2016	24	0.12	7	0.03	18	0.09	49	0.24
2017	20	0.10	6	0.03	16	0.08	42	0.21
2018	23	0.12	9	0.05	19	0.10	51	0.26

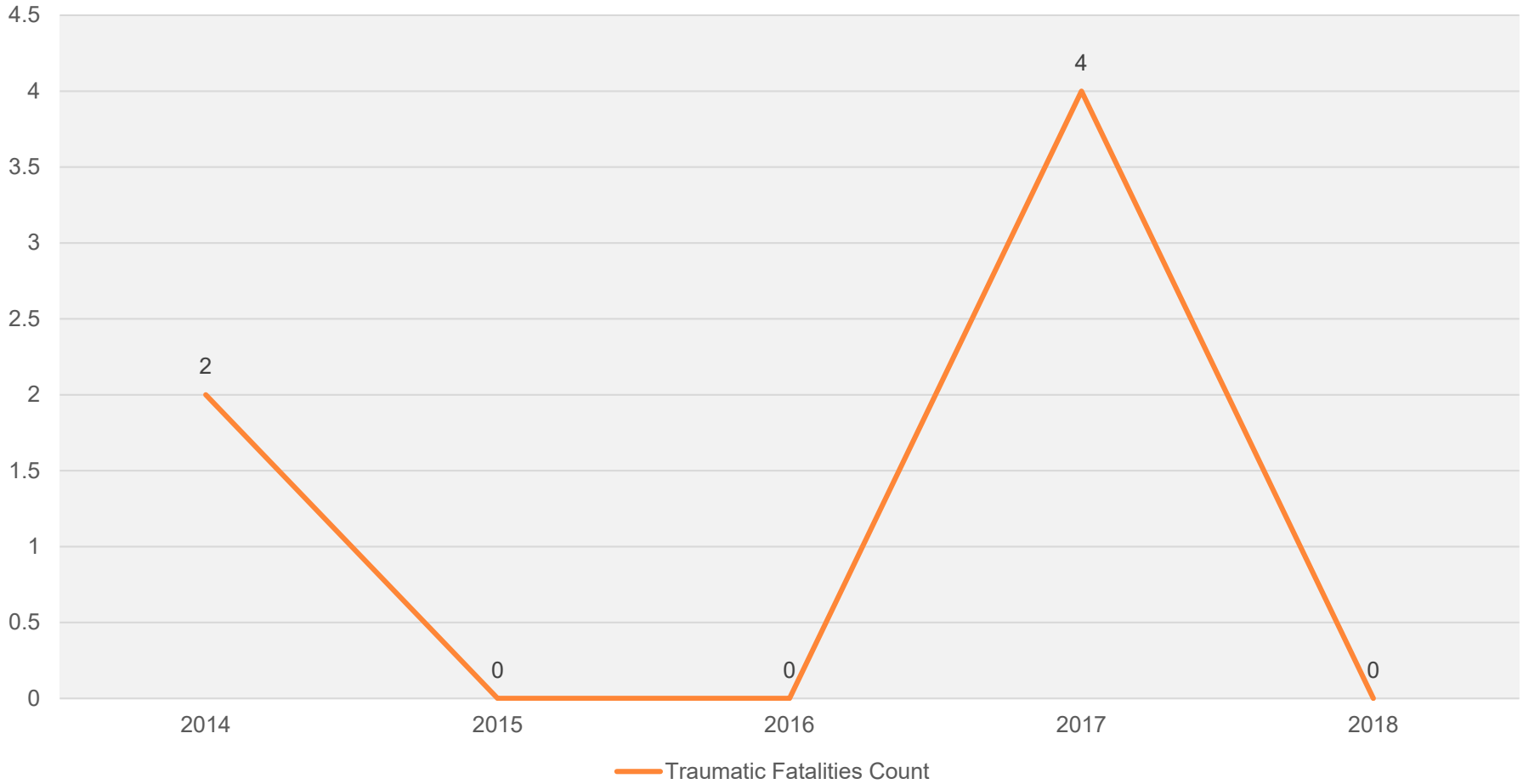
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION LTI Count and Rate for 2014-2018 based on March 2019 snapshot



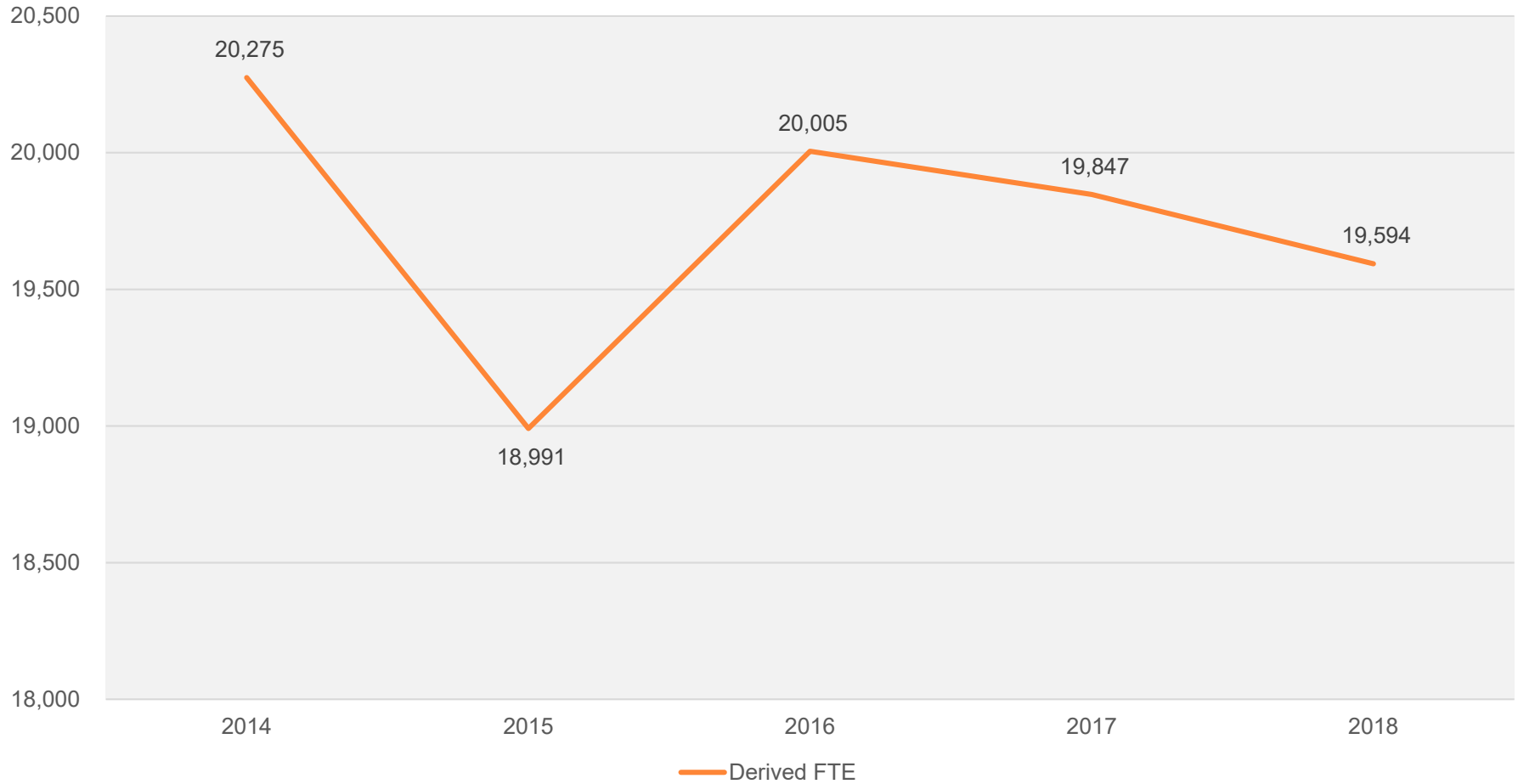
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION LTI Rate and Total Rate for 2014-2018 based on March 2019 snapshot



Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION Traumatic Fatalities for 2014-2018 based on March 2019 snapshot



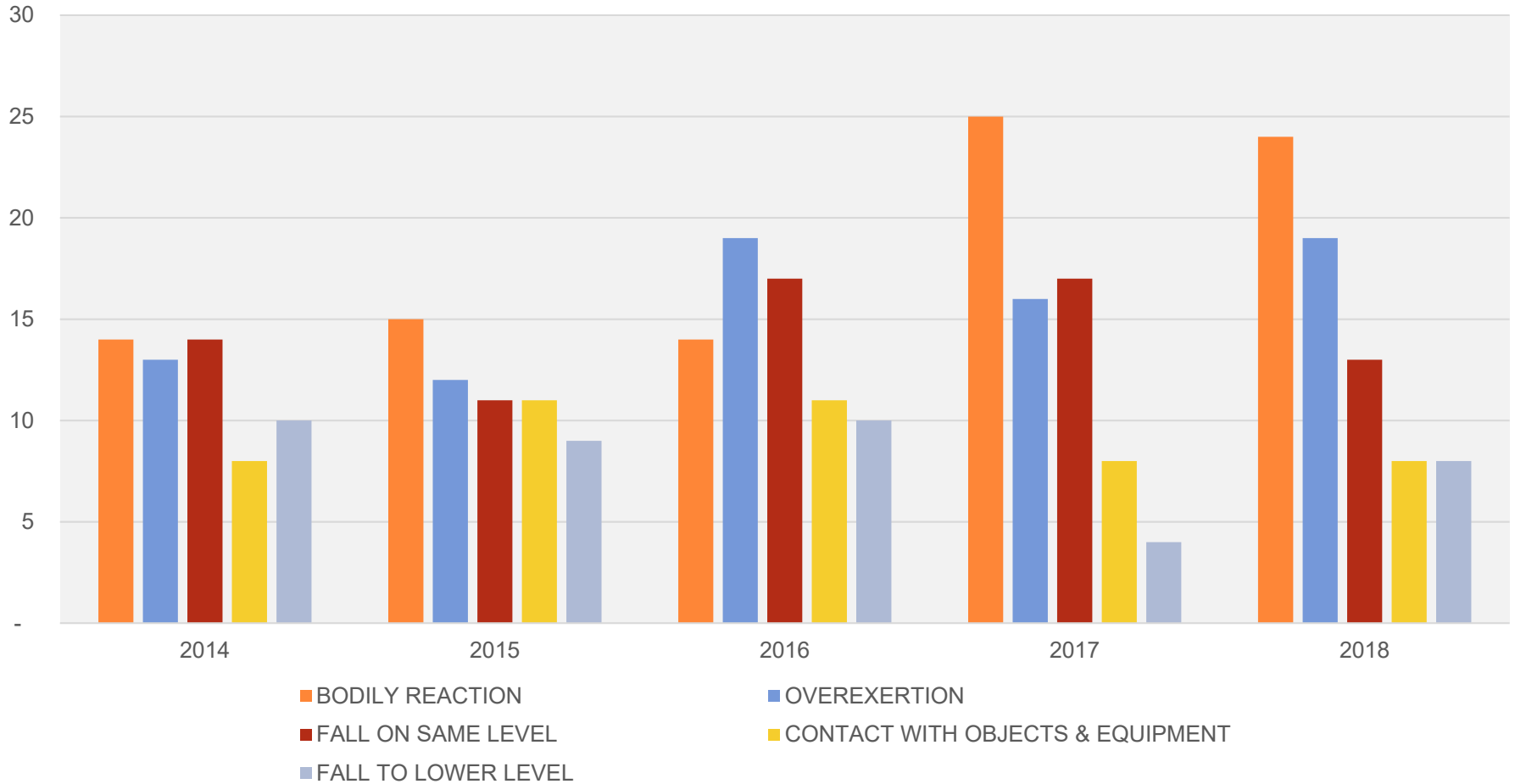
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION Derived FTE for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Types
Rate Group 835**

Year	BODILY REACTION		OVEREXERTION		FALL ON SAME LEVEL		CONTACT WITH OBJECTS & EQUIPMENT		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	14	14.4%	13	13.4%	14	14.4%	8	8.2%	10	10.3%	59	60.8%
2015	15	17.0%	12	13.6%	11	12.5%	11	12.5%	9	10.2%	58	65.9%
2016	14	12.0%	19	16.2%	17	14.5%	11	9.4%	10	8.5%	71	60.7%
2017	25	20.5%	16	13.1%	17	13.9%	8	6.6%	4	3.3%	70	57.4%
2018	24	21.1%	19	16.7%	13	11.4%	8	7.0%	8	7.0%	72	63.2%

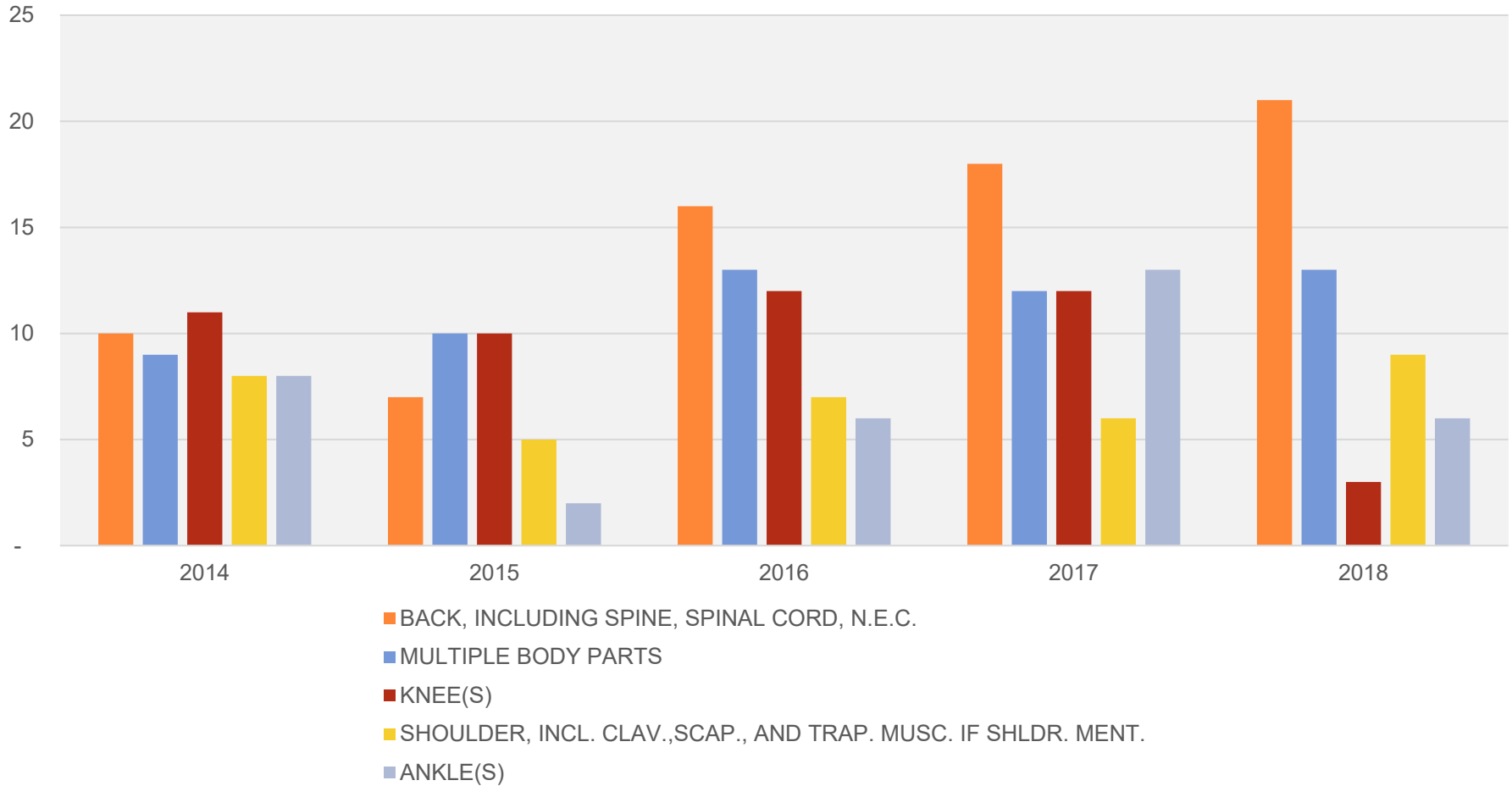
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION Top 5 Incident Types for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Parts of Body Injured
Rate Group 835**

Year	BACK, INCLUDING SPINE, SPINAL CORD, N.E.C.		MULTIPLE BODY PARTS		KNEE(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	10	10.3%	9	9.3%	11	11.3%	8	8.2%	8	8.2%	46	47.4%
2015	7	8.0%	10	11.4%	10	11.4%	5	5.7%	2	2.3%	34	38.6%
2016	16	13.7%	13	11.1%	12	10.3%	7	6.0%	6	5.1%	54	46.2%
2017	18	14.8%	12	9.8%	12	9.8%	6	4.9%	13	10.7%	61	50.0%
2018	21	18.4%	13	11.4%	3	2.6%	9	7.9%	6	5.3%	52	45.6%

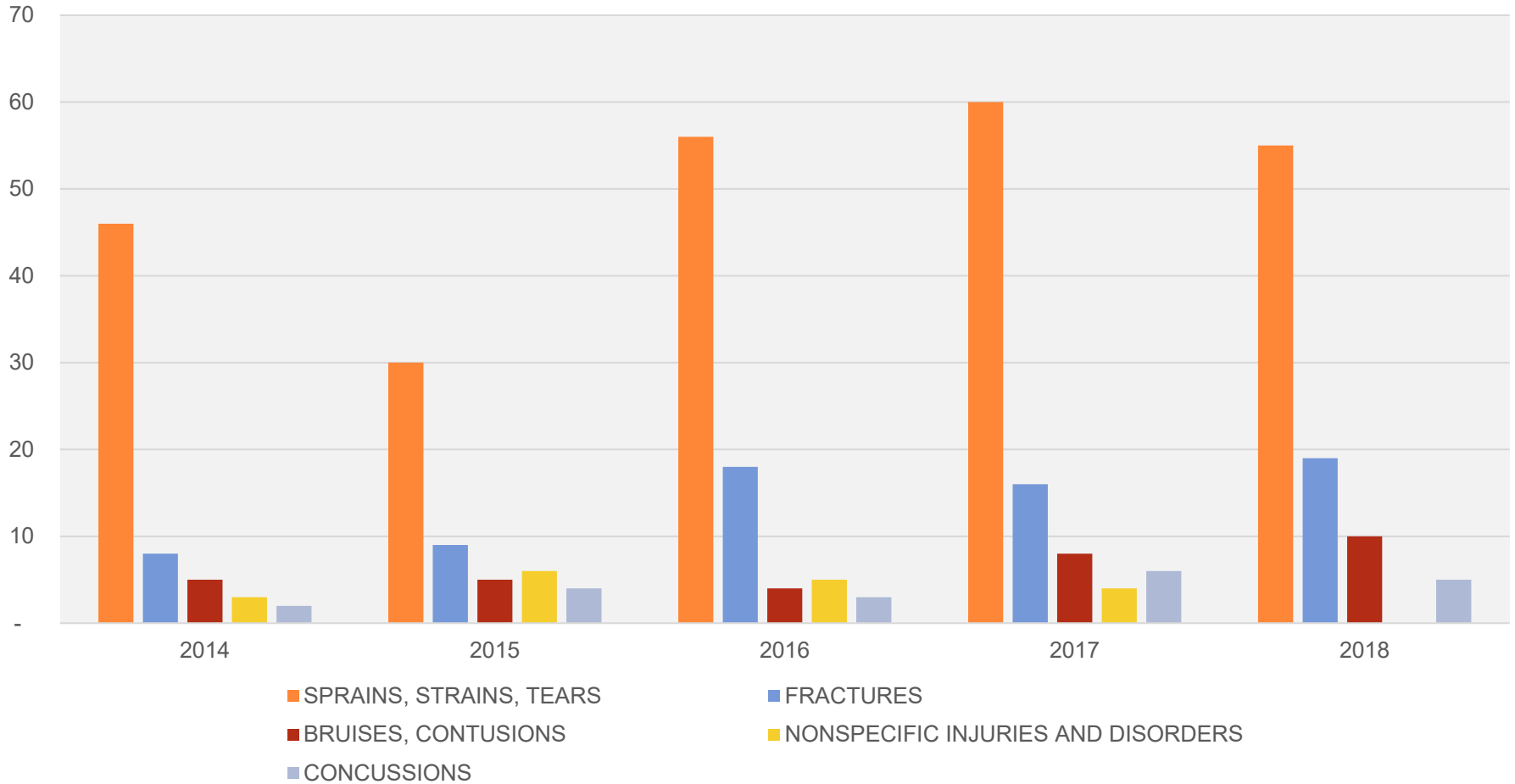
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION Top 5 Parts of Body Injured for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Nature of Injury Categories
Rate Group 835**

Year	SPRAINS, STRAINS, TEARS		FRACTURES		BRUISES, CONTUSIONS		NONSPECIFIC INJURIES AND DISORDERS		CONCUSSIONS		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	46	47.4%	8	8.2%	5	5.2%	3	3.1%	2	2.1%	64	66.0%
2015	30	34.1%	9	10.2%	5	5.7%	6	6.8%	4	4.5%	54	61.4%
2016	56	47.9%	18	15.4%	4	3.4%	5	4.3%	3	2.6%	86	73.5%
2017	60	49.2%	16	13.1%	8	6.6%	4	3.3%	6	4.9%	94	77.0%
2018	55	48.2%	19	16.7%	10	8.8%	-	0.0%	5	4.4%	89	78.1%

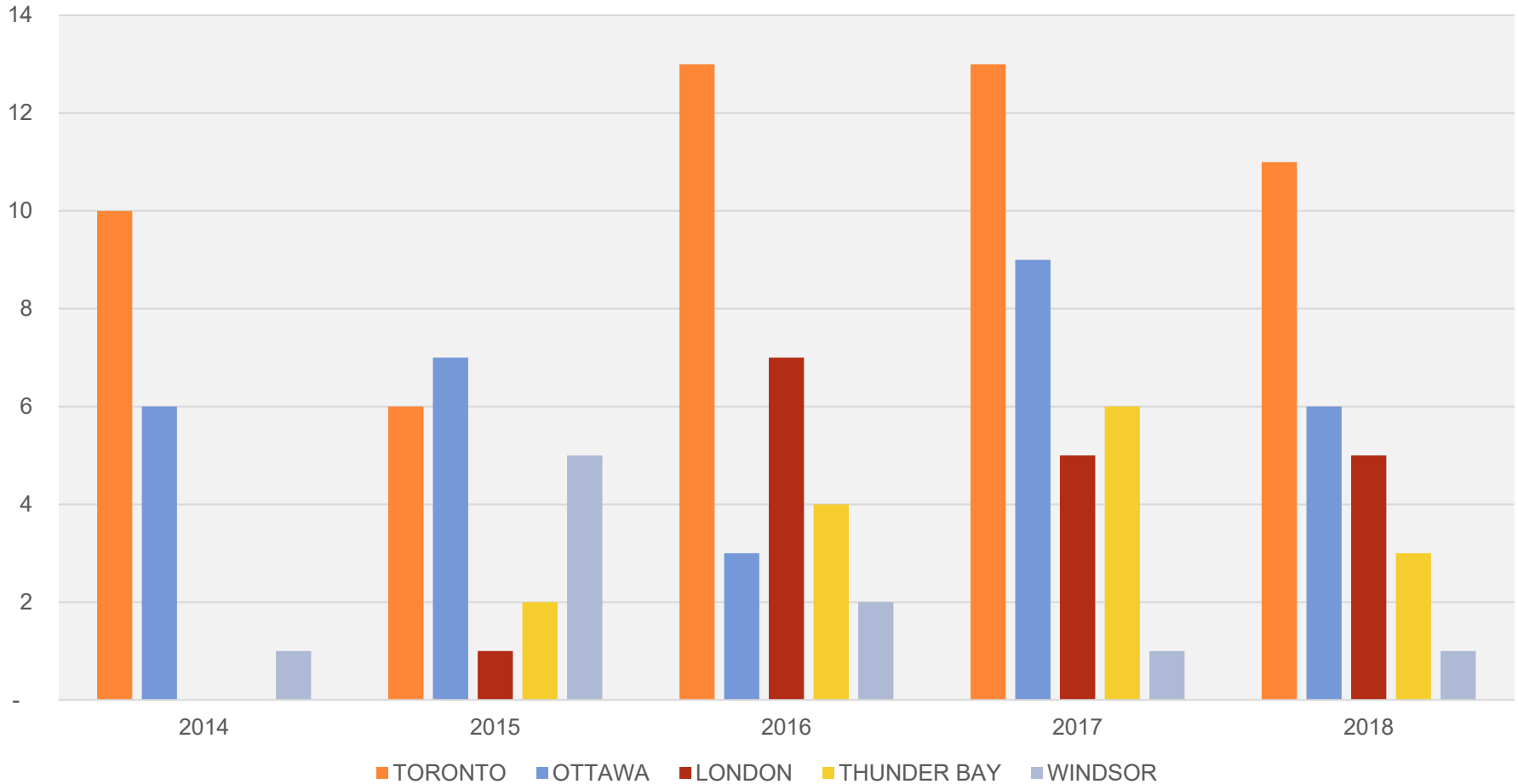
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION Top 5 Nature of Injury Categories for 2014-2018 based on March 2019 snapshot



**Top 5 Most Common Incident Places
Rate Group 835**

Year	TORONTO		OTTAWA		LONDON		THUNDER BAY		WINDSOR		Total for Top 5	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
2014	10	10.3%	6	6.2%	-	0.0%	-	0.0%	1	1.0%	17	17.5%
2015	6	6.8%	7	8.0%	1	1.1%	2	2.3%	5	5.7%	21	23.9%
2016	13	11.1%	3	2.6%	7	6.0%	4	3.4%	2	1.7%	29	24.8%
2017	13	10.7%	9	7.4%	5	4.1%	6	4.9%	1	0.8%	34	27.9%
2018	11	9.6%	6	5.3%	5	4.4%	3	2.6%	1	0.9%	26	22.8%

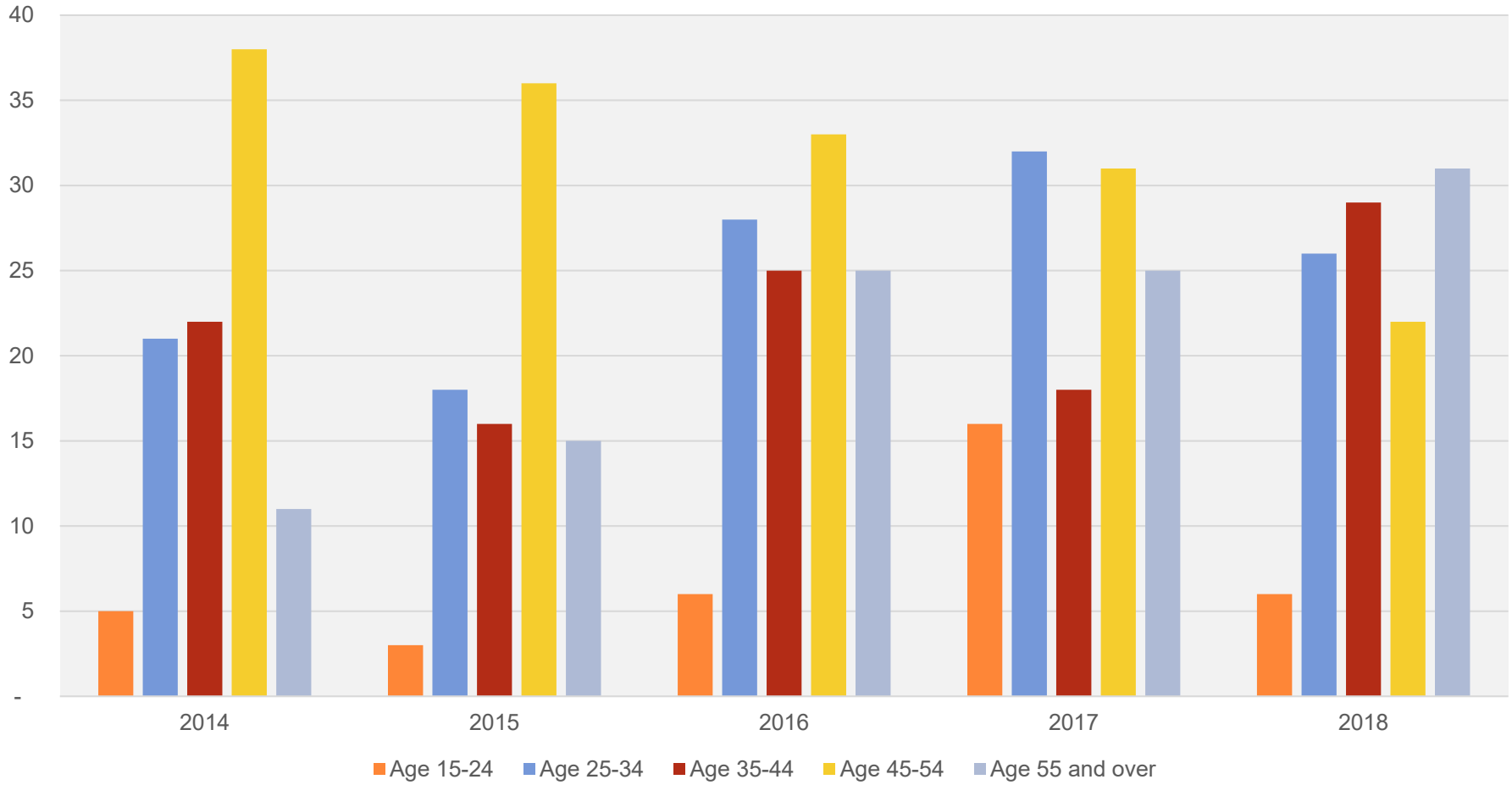
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION Top 5 Incident Places for 2014-2018 based on March 2019 snapshot



Age Band Breakdown
Rate Group 835

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	5.2%	21	21.6%	22	22.7%	38	39.2%	11	11.3%	-	0.0%
2015	-	0.0%	3	3.4%	18	20.5%	16	18.2%	36	40.9%	15	17.0%	-	0.0%
2016	-	0.0%	6	5.1%	28	23.9%	25	21.4%	33	28.2%	25	21.4%	-	0.0%
2017	-	0.0%	16	13.1%	32	26.2%	18	14.8%	31	25.4%	25	20.5%	-	0.0%
2018	-	0.0%	6	5.3%	26	22.8%	29	25.4%	22	19.3%	31	27.2%	-	0.0%

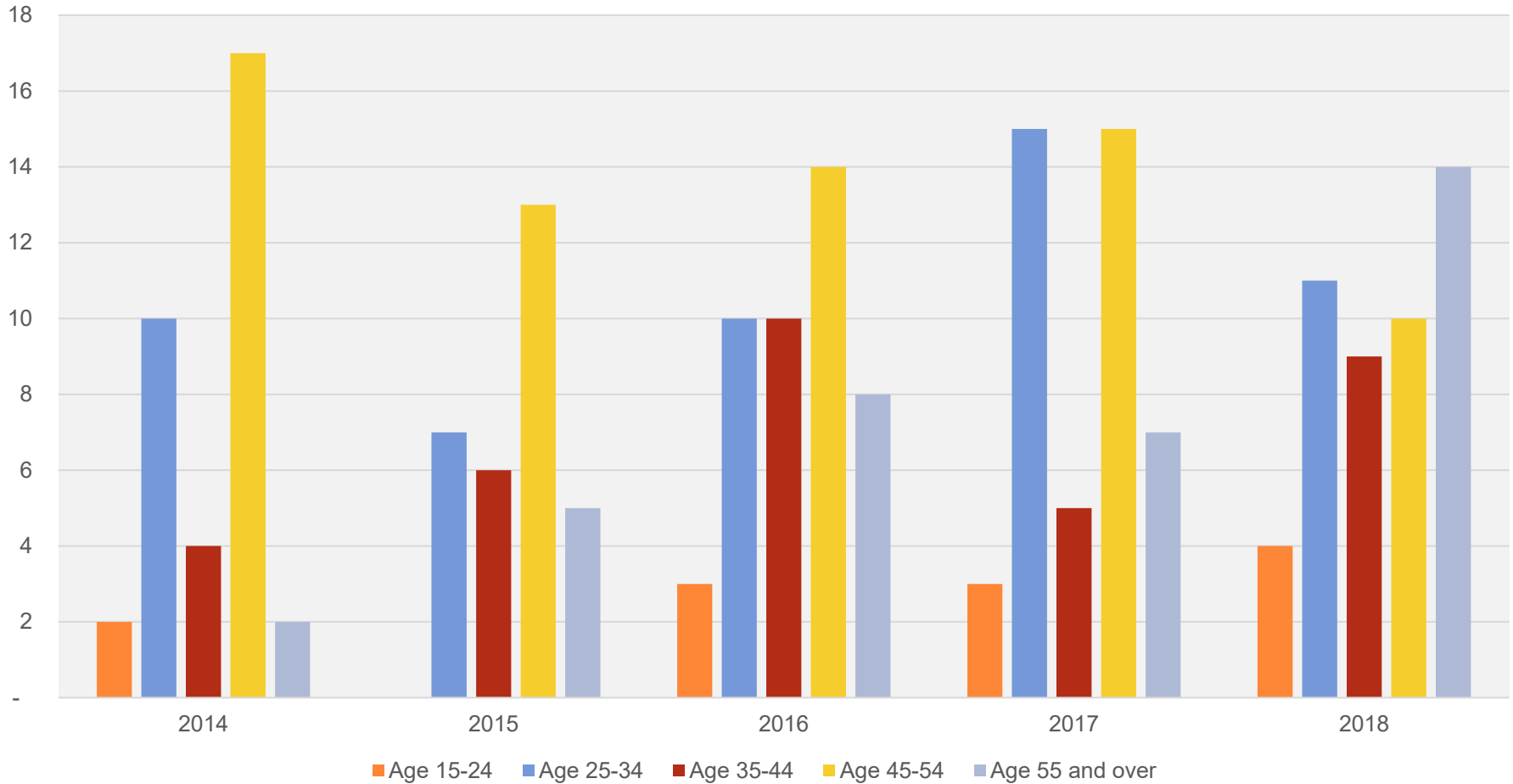
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION LTIs by Age Band for 2014-2018 based on March 2019 snapshot



MSD Breakdown by Age Band
Rate Group 835

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%	2	5.7%	10	28.6%	4	11.4%	17	48.6%	2	5.7%	-	0.0%
2015	-	0.0%	-	0.0%	7	22.6%	6	19.4%	13	41.9%	5	16.1%	-	0.0%
2016	-	0.0%	3	6.7%	10	22.2%	10	22.2%	14	31.1%	8	17.8%	-	0.0%
2017	-	0.0%	3	6.7%	15	33.3%	5	11.1%	15	33.3%	7	15.6%	-	0.0%
2018	-	0.0%	4	8.3%	11	22.9%	9	18.8%	10	20.8%	14	29.2%	-	0.0%

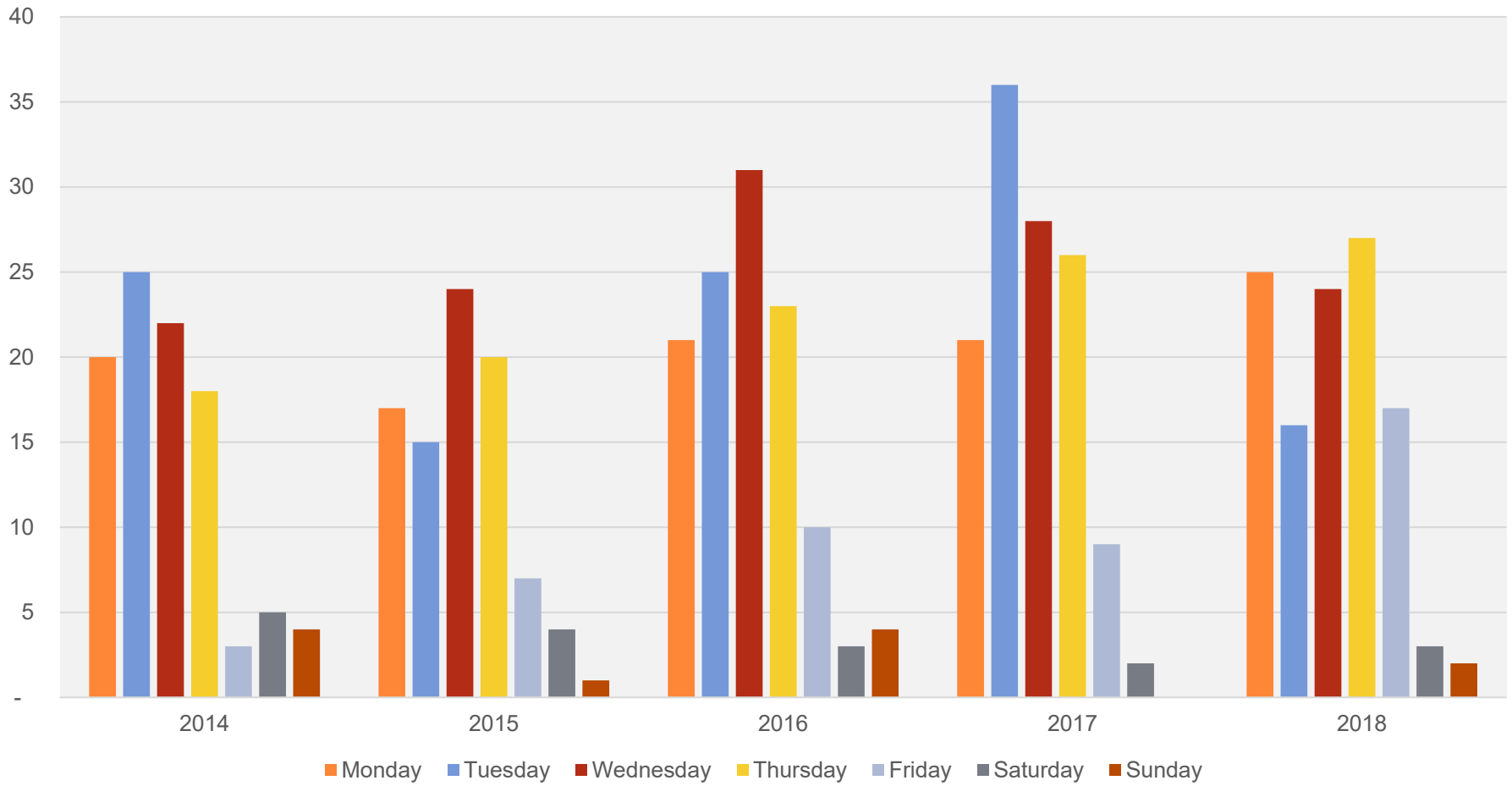
Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION MSD by Age Band for for 2014-2018 based on March 2019 snapshot



LTI Breakdown by Day of Week
Rate Group 835

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	20	20.6%	25	25.8%	22	22.7%	18	18.6%	3	3.1%	5	5.2%	4	4.1%
2015	17	19.3%	15	17.0%	24	27.3%	20	22.7%	7	8.0%	4	4.5%	1	1.1%
2016	21	17.9%	25	21.4%	31	26.5%	23	19.7%	10	8.5%	3	2.6%	4	3.4%
2017	21	17.2%	36	29.5%	28	23.0%	26	21.3%	9	7.4%	2	1.6%	-	0.0%
2018	25	21.9%	16	14.0%	24	21.1%	27	23.7%	17	14.9%	3	2.6%	2	1.8%

Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION LTIs by Day of Week for 2014-2018 based on March 2019 snapshot



LTI Breakdown By Month
Rate Group 835

Month	2014		2015		2016		2017		2018	
	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total	Count	% of Total
January	6	6.2%	12	13.6%	10	8.5%	16	13.1%	12	10.5%
February	13	13.4%	8	9.1%	6	5.1%	5	4.1%	9	7.9%
March	15	15.5%	5	5.7%	7	6.0%	7	5.7%	11	9.6%
April	3	3.1%	4	4.5%	12	10.3%	8	6.6%	8	7.0%
May	14	14.4%	9	10.2%	10	8.5%	13	10.7%	9	7.9%
June	5	5.2%	6	6.8%	11	9.4%	12	9.8%	13	11.4%
July	9	9.3%	8	9.1%	9	7.7%	13	10.7%	9	7.9%
August	7	7.2%	9	10.2%	16	13.7%	11	9.0%	11	9.6%
September	8	8.2%	6	6.8%	9	7.7%	12	9.8%	7	6.1%
October	4	4.1%	5	5.7%	5	4.3%	9	7.4%	14	12.3%
November	5	5.2%	5	5.7%	13	11.1%	9	7.4%	8	7.0%
December	8	8.2%	11	12.5%	9	7.7%	7	5.7%	3	2.6%

Rate Group 835 - OIL, POWER AND WATER DISTRIBUTION LTIs by Month for 2014-2018 based on March 2019 snapshot

