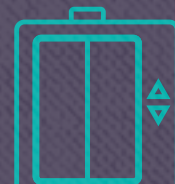


Public Safety Report  
2024 Edition

# Appendix



# Appendix A: Cross-Program Data

**Table A1: Cross-Program State of Safety Measures (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	5,334	5,653	5,083	5,659	6,358	6,019	4,263	4,885	5,556	6,109	<b>54,919</b>	5,492
Number of Non-Permanent Injuries	1,168	1,597	1,082	1,356	1,833	1,907	423	1,001	1,511	1,571	<b>13,449</b>	1,345
Number of Permanent Injuries	56	80	69	41	59	46	21	30	34	44	<b>480</b>	48
Number of Fatal Injuries	4	2	4	2	2	3	5	4	2	4	<b>32</b>	3
Observed Injury Burden (FE/mp)	0.27	0.41	0.40	0.32	0.36	0.4	0.31	0.25	0.11	0.37	<b>N/A</b>	0.32

# Appendix B: Amusement Devices Data



**Table B1: State of Safety Measures for Amusement Devices (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	647	922	439	709	1,197	1,380	97	545	1,020	1,062	<b>8,018</b>	802
Number of Non-Permanent Injuries	585	848	377	661	1,100	1,235	89	529	999	986	<b>7,409</b>	741
Number of Permanent Injuries	24	42	33	23	29	26	1	8	10	21	<b>217</b>	22
Number of Fatal Injuries	0	0	0	0	1	0	1	0	0	0	<b>2</b>	0
Observed Injury Burden (FE/mp)	0.0912	0.1227	0.0828	0.1153	0.1596	0.1511	0.1206	0.0091	0.0326	0.0767	<b>N/A</b>	0.10

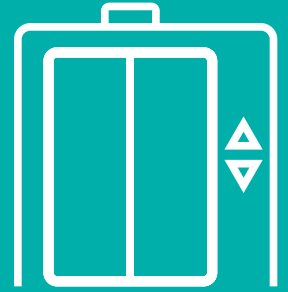
# Appendix C: Boilers and Pressure Vessels Data



**Table C1: State of Safety Measures for Boilers and Pressure Vessels (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	1	5	4	22	117	150	150	126	122	67	764	76
Number of Non-Permanent Injuries	0	1	0	0	2	0	0	1	0	0	4	0
Number of Permanent Injuries	0	1	2	1	0	0	0	0	0	0	4	0
Number of Fatal Injuries	0	0	0	0	0	0	0	0	0	0	0	0
Observed Injury Burden (FE/mp)	0.0000	0.0161	0.0005	0.0092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.003

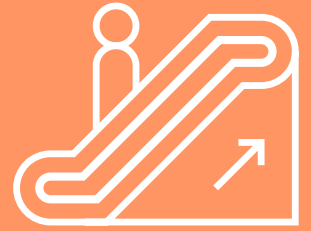
# Appendix D: Elevators Data



**Table D1: State of Safety Measures for Elevators (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	463	571	543	702	752	698	590	655	737	882	<b>6,593</b>	659
Number of Non-Permanent Injuries	119	169	146	132	122	131	88	82	89	85	<b>1,163</b>	116
Number of Permanent Injuries	7	11	11	4	5	8	7	7	7	5	<b>72</b>	7
Number of Fatal Injuries	1	0	2	1	0	1	0	0	0	0	<b>5</b>	1
Observed Injury Burden (FE/mp)	0.0333	0.0250	0.1948	0.0355	0.0253	0.1605	0.0046	0.0250	0.0038	0.0008	<b>N/A</b>	0.05

# Appendix E: Escalators and Moving Walks Data



**Table E1: State of Safety Measures for Escalators and Moving Walks (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	592	742	701	726	788	681	389	511	676	854	6,660	666
Number of Non-Permanent Injuries	383	470	441	459	521	459	205	302	376	425	4,041	404
Number of Permanent Injuries	7	5	4	0	4	1	3	1	2	8	35	4
Number of Fatal Injuries	0	0	0	0	0	0	1	0	1	1	3	0
Observed Injury Burden (FE/mp)	0.0098	0.0179	0.0026	0.0032	0.0041	0.0028	0.0241	0.0263	0.0111	0.0129	N/A	0.01

# Appendix F: Passenger Ropeways Ski Lifts Data



**Table F1: State of Safety Measures for Ski Lifts (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	66	72	71	87	87	91	33	74	53	53	<b>687</b>	69
Number of Non-Permanent Injuries	52	54	60	64	66	62	25	59	35	43	<b>520</b>	52
Number of Permanent Injuries	2	2	3	2	1	2	2	3	5	5	<b>27</b>	3
Number of Fatal Injuries	0	0	0	0	0	0	0	0	0	0	<b>0</b>	0
Observed Injury Burden (FE/mp)	0.0164	0.0287	0.0124	0.0096	0.0051	0.0006	0.0144	0.0151	0.0151	0.0115	<b>N/A</b>	0.01

# Appendix G: Fuels Data



**Table G1: State of Safety Measures for Fuels (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	3,563	3,339	3,320	3,409	3,395	3,009	3,001	2,957	2,945	3,173	<b>32,111</b>	3,211
Number of Non-Permanent Injuries	28	55	58	40	22	20	16	28	12	32	<b>311</b>	31
Number of Permanent Injuries	15	18	16	11	20	9	8	11	9	5	<b>122</b>	12
Number of Fatal Injuries	3	2	2	1	1	2	3	4	1	3	<b>22</b>	2
Number of Pipeline Strike Occurrences	2,453	2,407	2,319	2,385	2,317	2,150	2,258	2,056	2,137	2,224	<b>22,706</b>	2,271
Number of Non-Pipeline Strike Occurrences	1,110	932	1,001	1,024	1,078	859	743	901	808	949	<b>9,405</b>	941
Observed Injury Burden (FE/mp)	0.1236	0.2297	0.1285	0.1673	0.1801	0.0849	0.1500	0.3185	0.1229	0.2711	<b>N/A</b>	0.18



# Appendix H: Operating Engineers Data



**Table H1: State of Safety Measures for Operating Plants (2015-2024)**

Description	Fiscal Year										Total	10-Year Avg.
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
Number of Incidents	2	2	5	4	22	10	3	17	3	18	<b>86</b>	9
Number of Non-Permanent Injuries	1	0	0	0	0	0	0	0	0	0	<b>1</b>	0
Number of Permanent Injuries	1	1	0	0	0	0	0	0	1	0	<b>3</b>	0
Number of Fatal Injuries	0	0	0	0	0	0	0	0	0	0	<b>0</b>	0
Observed Injury Burden (FE/mp)	0.0178	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000	<b>N/A</b>	0.00



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