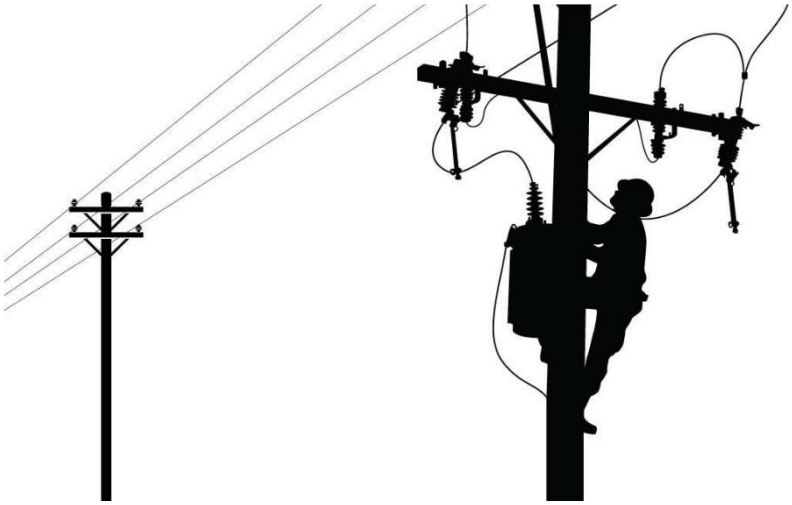


ELECTRIC SYSTEM RELIABILITY ANNUAL REPORT 2025

Prepared for
California Public Utilities Commission
Pursuant to Decision 16-01-008

July 15, 2026

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EXECUTIVE SUMMARY

Background:

The Electric System Reliability Annual Report for 2025 has been prepared in response to California Public Utility Commission (CPUC) Decision 16-01-008 (Decision). Effective January 14, 2016, this decision established reliability recording, calculation, and reporting requirements for San Diego Gas & Electric (SDG&E).

The data in this report is primarily presented in tabular and graphical form. All statistics and calculations include unplanned transmission, substation, and distribution outages and exclude planned outages and California Independent System Operator (CAISO) mandated load curtailment outages unless otherwise specified. Unplanned outages are those that are not prearranged. For this report, sustained outages are outages that last more than five minutes, while momentary outages are outages that last five minutes or less.

2025 Reliability Indices

Overview:

- The 2025 Unplanned System Average Interruption Duration Index (SAIDI) including Major Event Day (MED), was slightly higher than the average of the past five years (though lower than both 2024 and 2020), largely due to the Public Safety Power Shutoffs (PSPS) in January of 2025.
- The 2025 Unplanned System Average Interruption Frequency Index (SAIFI) including MED, remained slightly below the five-year average.
- The 2025 Unplanned SAIDI and SAIFI, excluding MED, were lower than the average of the past five years and the lowest since 2017.
- The 2025 SAIDI and SAIFI for both Planned and Unplanned Outages, excluding MED, was just above the average of the past five years. The 5-year average (2020-2024) is heavily influenced by the significant number of Major Event Day Exclusions in 2020, due to the Public Safety Power Shutoffs in that year.

Identified Mitigation/Efforts to Improve System Reliability

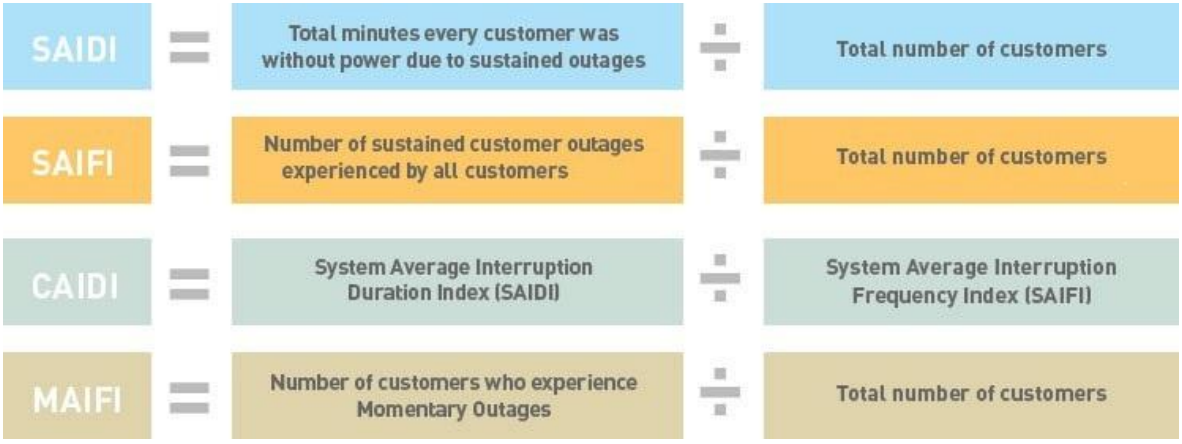
SDG&E is dedicated to providing strong electric reliability to its customers. To do so, in 2025, SDG&E focused on the following:

- Continued implementation of a system-wide underground electric connector enhancement program to proactively replace failure-prone connectors and incorporate sectionalizing capabilities, enabling faster restoration following outages.
- Continued advancement of metrics and analytical models to identify electric infrastructure at high risk of failure, supporting more informed asset replacement strategies.
- Ongoing development and deployment of systems that detect early-stage equipment failures in both underground and overhead distribution systems, helping to prevent unplanned customer outages.
- Continued execution of underground cable enhancement programs to replace aging or end-of-life cable that is more susceptible to failure.
- Efforts to reduce customer outage restoration times through:
    - Ongoing expansion of system automation.
    - Enhanced use of data analytics to optimize crew dispatch by identifying when and where resources are needed most.
    - Continued evaluation and application of underground de-watering technologies, tools, and processes to improve emergency access and response times to underground facilities.
    - Ongoing development and use of drone-collected data to rapidly identify and address system issues.
    - Deployment of Traveling Wave protective relays to precisely locate faults on long transmission lines, reducing patrol time and expediting restoration.

How SDG&E Measures Reliability

SDG&E uses four metrics commonly used in the electric utility industry to measure reliability. The reliability indicators that are tracked are as follows:

1. **SAIDI** (**S**ystem **A**verage **I**nterruption **D**uration **I**ndex) – minutes of sustained outages per customer per year.
2. **SAIFI** (**S**ystem **A**verage **I**nterruption **F**requency **I**ndex) – number of sustained outages per customer per year.
3. **CAIDI** (**C**ustomer **A**verage **I**nterruption **D**uration **I**ndex) – is the average time required to restore service to a utility customer.
4. **MAIFI** (**M**omentary **A**verage **I**nterruption **F**requency **I**ndex) – number of momentary outages per customer per year.



Beginning in 2013, the measurement of each reliability performance indicator excludes Major Event Days as defined in The Institute for Electrical and Electronic Engineers (IEEE) Guide for Electric Power Distribution Reliability Indices, aka IEEE Std 1366, instead of CPUC Major Events. A MED is defined in IEEE Std 1366-2022, Section 2, as a day when the daily system SAIDI exceeds a threshold value. These threshold major event days are referred to as “TMED.” Thus, any day the total system SAIDI exceeds TMED, it is excluded from SDG&E’s reliability results. The applicable TMED value is calculated yearly using SDG&E’s daily SAIDI values for the prior five years. SDG&E experienced four days when the TMED threshold was met for 2025.

To understand this report, the division between distribution equipment and transmission equipment is at the distribution substation power transformer high-side bus disconnect. Transmission equipment is defined as all assets rated 69 kilovolts (kV) and above. The substation power transformer high-side bus disconnect and all equipment on the load-side of the substation power transformer high-side bus disconnect are defined as Distribution equipment.

SECTION 1 - SYSTEM INDICES FOR THE LAST 10 YEARS

SUMMARY OF ELECTRIC SYSTEM RELIABILITY FOR SDG&E'S SERVICE TERRITORY (EXCLUDES PLANNED AND CAISO OUTAGES)

SEPARATE TABLES WITH SAIDI, SAIFI, MAIFI, AND CAIDI.
MAJOR EVENT DAYS (MED) INCLUDED AND EXCLUDED.

Table 1-1: System Indices (MED included and excluded)

San Diego Gas & Electric Company **System Reliability Data 2016 - 2025**								
MED Included					MED Excluded			
Year	**SAIDI**	**SAIFI**	**CAIDI**	**MAIFI**	**SAIDI**	**SAIFI**	**CAIDI**	**MAIFI**
2016	86.01	0.677	126.99	0.443	72.75	0.620	117.43	0.386
2017	117.49	0.585	200.87	0.344	64.51	0.512	125.92	0.311
2018	121.02	0.658	183.88	0.319	77.76	0.628	123.84	0.319
2019	122.96	0.639	192.38	0.299	68.64	0.596	115.23	0.299
2020	198.63	0.745	266.52	0.289	68.95	0.627	109.92	0.275
2021	76.93	0.670	114.84	0.421	71.64	0.665	107.66	0.421
2022	70.39	0.591	119.06	0.327	70.39	0.591	119.06	0.327
2023	70.59	0.587	120.18	0.252	70.59	0.587	120.18	0.252
2024	157.23	0.611	257.27	0.287	71.13	0.542	131.26	0.276
2025	130.97	0.540	242.56	0.296	68.76	0.511	134.54	0.291

Table 1-2: Distribution System Indices (MED included and excluded)

San Diego Gas & Electric Company **Distribution System Reliability Data 2016 - 2025**								
MED Included					MED Excluded			
Year	**SAIDI**	**SAIFI**	**CAIDI**	**MAIFI**	**SAIDI**	**SAIFI**	**CAIDI**	**MAIFI**
2016	83.93	0.647	129.67	0.438	70.67	0.590	119.88	0.380
2017	115.62	0.576	200.63	0.337	62.66	0.504	124.38	0.304
2018	120.30	0.652	184.51	0.314	77.05	0.622	123.93	0.314
2019	120.72	0.606	199.29	0.289	67.40	0.563	119.73	0.289
2020	180.52	0.678	266.26	0.276	64.26	0.568	113.11	0.265
2021	75.32	0.654	115.11	0.418	70.03	0.650	107.76	0.418
2022	69.48	0.578	120.22	0.285	69.48	0.578	120.22	0.285
2023	70.01	0.572	122.48	0.252	70.01	0.572	122.48	0.252
2024	156.10	0.609	256.13	0.286	69.99	0.540	129.58	0.275
2025	128.01	0.524	244.49	0.296	68.11	0.497	137.17	0.291

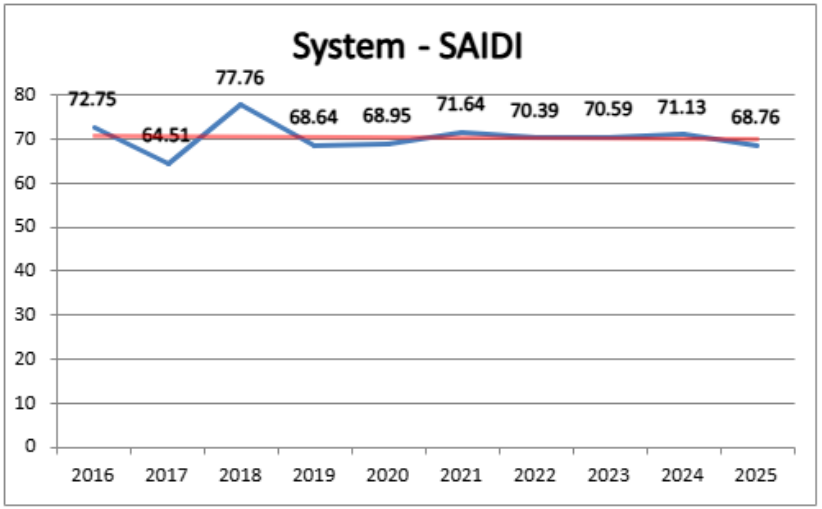
Note: Distribution System Indices include substation distribution.

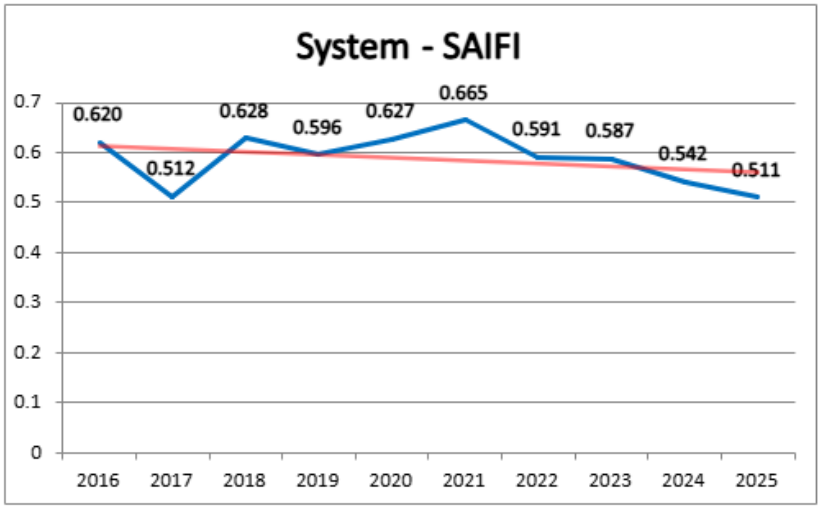
Table 1-3: Transmission System Indices (MED included and excluded)

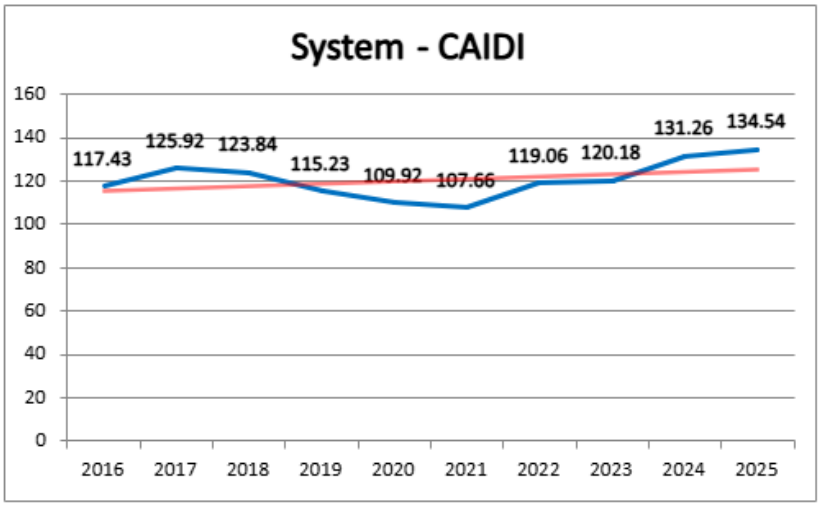
San Diego Gas & Electric Company **Transmission System Reliability Data 2016 - 2025**								
MED Included					MED Excluded			
Year	**SAIDI**	**SAIFI**	**CAIDI**	**MAIFI**	**SAIDI**	**SAIFI**	**CAIDI**	**MAIFI**
2016	2.08	0.030	69.15	0.006	2.07	0.030	69.09	0.005
2017	1.87	0.009	217.47	0.007	1.86	0.009	216.07	0.007
2018	0.71	0.006	116.55	0.005	0.71	0.006	115.49	0.005
2019	2.24	0.033	67.01	0.009	1.24	0.033	37.82	0.009
2020	18.11	0.067	269.18	0.013	4.70	0.059	79.32	0.010
2021	1.61	0.016	103.34	0.003	1.61	0.016	103.34	0.003
2022	0.90	0.013	68.36	0.041	0.90	0.013	68.36	0.041
2023	0.58	0.016	36.79	0.000	0.58	0.016	36.79	0.000
2024	1.13	0.002	665.43	0.001	1.13	0.002	665.43	0.001
2025	2.96	0.016	180.85	0.000	0.65	0.015	44.69	0.000

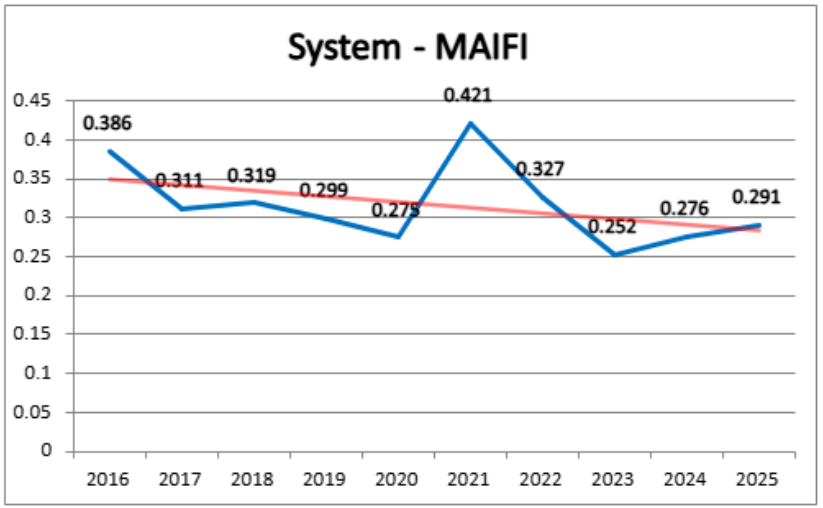
Note: Transmission System Indices include substation transmission.

System Indices (Excludes Planned, ISO and MED)

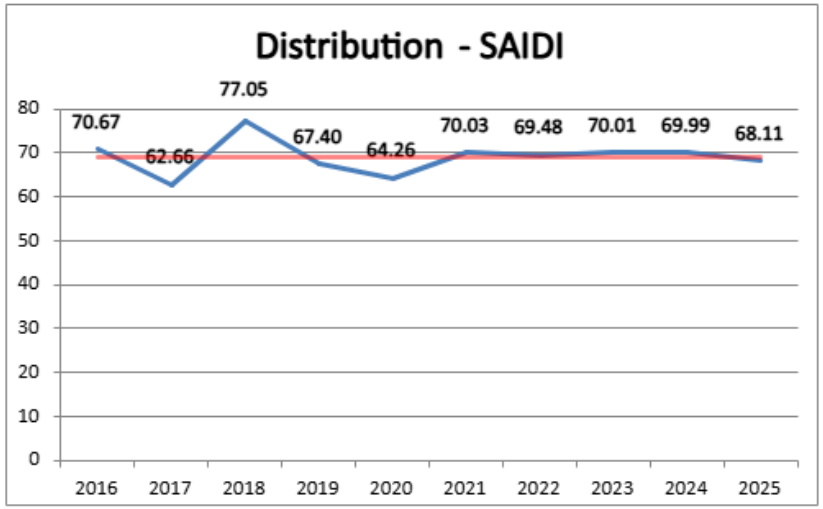


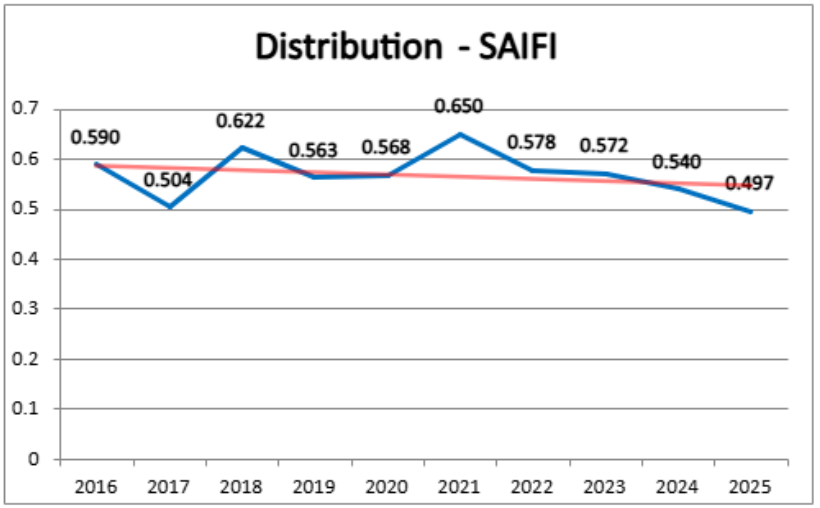


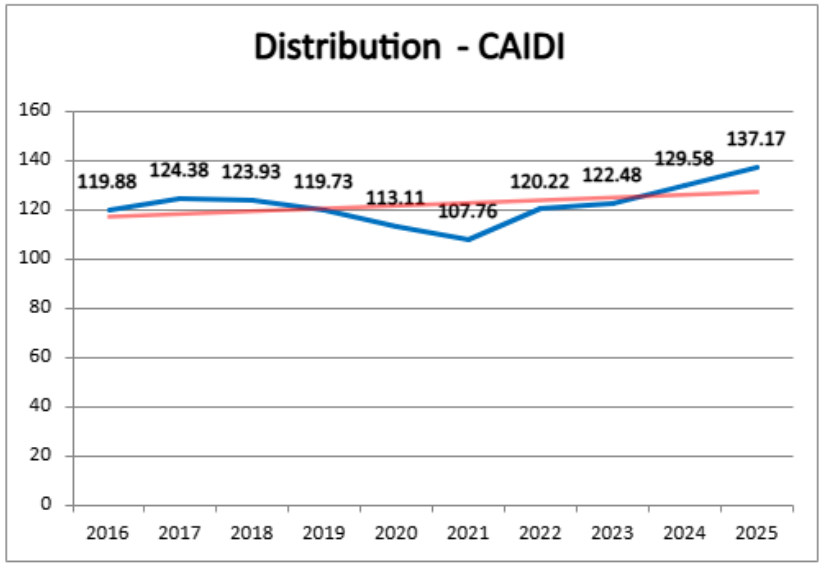


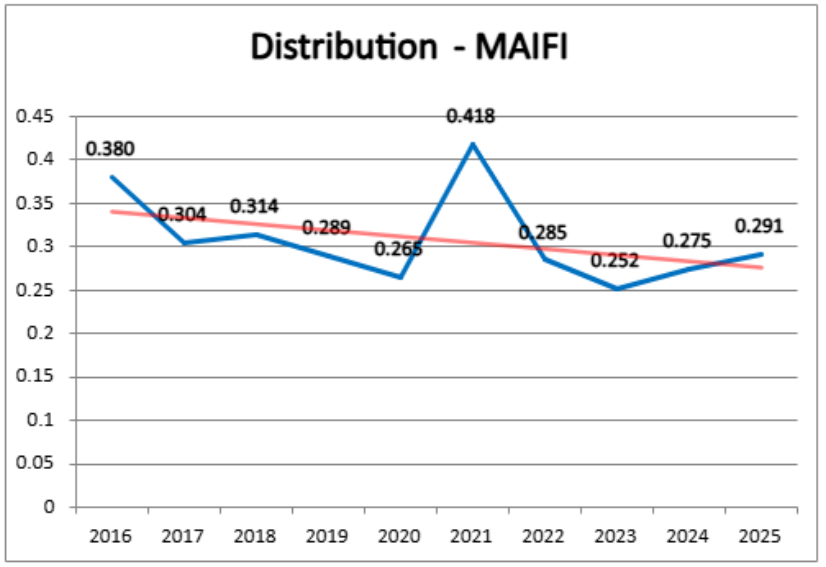


Distribution System Indices (Excludes Planned, ISO and MED)

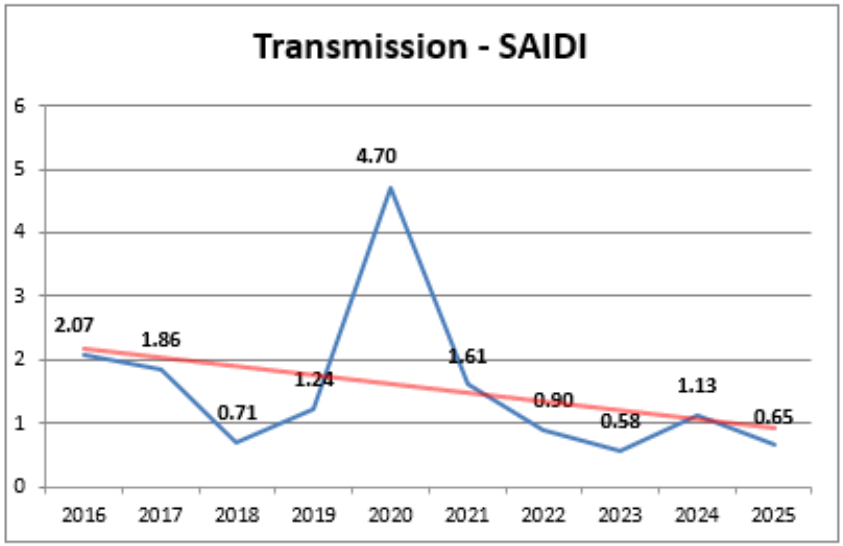


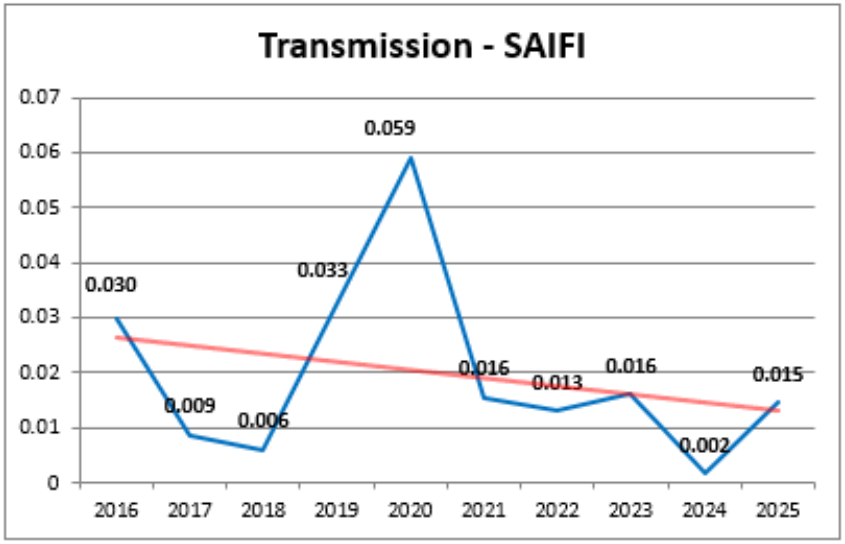


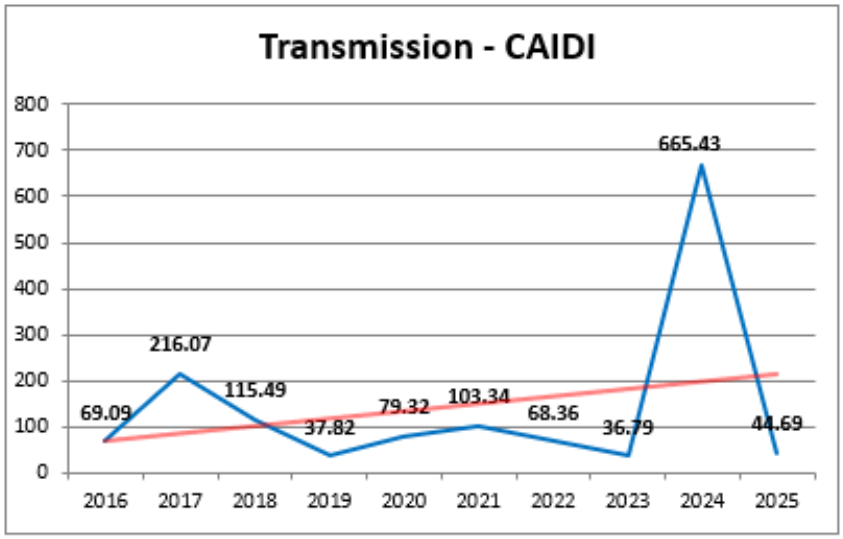


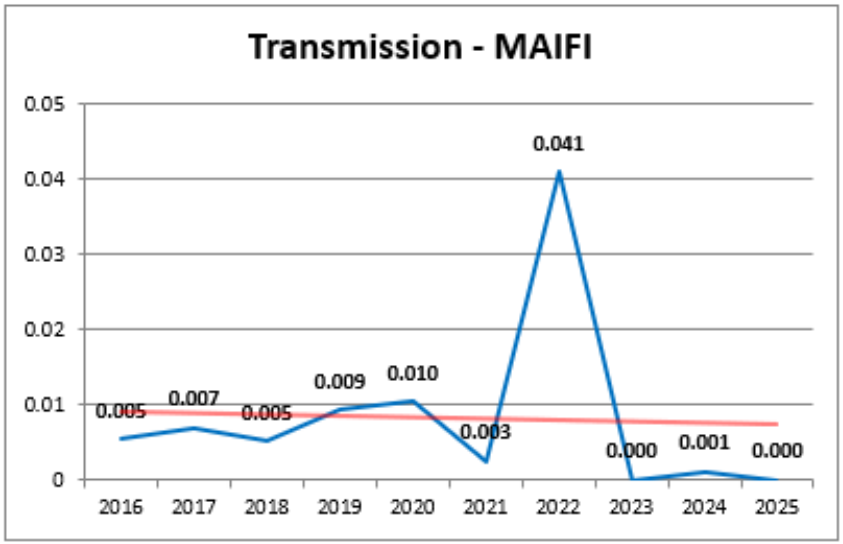


Transmission System Indices (Excludes Planned, ISO and MED)









SECTION 2 – DISTRICT RELIABILITY INDICES FOR THE PAST 10 YEARS, INCLUDING AND EXCLUDING MED

A. SUMMARY OF ELECTRIC SYSTEM RELIABILITY FOR EACH OF SDG&E'S SIX DISTRICTS (EXCLUDES PLANNED AND CAISO OUTAGES)

- INDICES REPRESENT THE COMBINED TRANSMISSION, SUBSTATION, AND DISTRIBUTION OUTAGE IMPACTS AT THE DISTRICT LEVEL

Table 2-1: Beach Cities – District Reliability Indices (2016 – 2025)

	MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI		SAIDI	SAIFI	CAIDI	MAIFI
2016	90.55	0.699	129.48	0.385		77.04	0.651	118.31	0.385
2017	55.66	0.552	100.84	0.372		49.11	0.470	104.52	0.338
2018	74.63	0.634	117.74	0.293		74.17	0.626	118.49	0.293
2019	56.82	0.672	84.54	0.252		55.75	0.650	85.73	0.252
2020	58.61	0.602	97.43	0.300		54.52	0.578	94.36	0.300
2021	55.52	0.502	110.61	0.400		55.52	0.502	110.61	0.400
2022	54.94	0.558	98.46	0.125		54.94	0.558	98.46	0.125
2023	55.72	0.425	131.12	0.168		55.72	0.425	131.12	0.168
2024	57.06	0.424	134.69	0.235		53.99	0.407	132.55	0.223
2025	56.74	0.535	106.00	0.177		56.55	0.532	106.38	0.177

Table 2-2: Eastern - District Reliability Indices (2016 – 2025)

	MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI		SAIDI	SAIFI	CAIDI	MAIFI
2016	108.24	0.820	132.06	0.326		84.93	0.705	120.41	0.292
2017	177.22	0.637	278.38	0.358		83.72	0.529	158.23	0.322
2018	203.88	0.688	296.39	0.362		108.94	0.654	166.62	0.362
2019	208.02	0.599	347.49	0.288		64.70	0.513	126.02	0.288
2020	400.19	0.888	450.66	0.364		103.07	0.695	148.40	0.355
2021	113.30	0.645	175.64	0.585		84.69	0.623	135.86	0.585
2022	83.08	0.710	116.94	0.413		83.08	0.710	116.94	0.413
2023	78.23	0.632	123.80	0.390		78.23	0.632	123.80	0.390
2024	229.38	0.659	347.89	0.360		70.71	0.583	121.25	0.358

2025	295.85	0.585	505.32	0.407		86.34	0.517	166.90	0.407

Table 2-3: Metro - District Reliability Indices (2016 – 2025)

MED Included						MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI		SAIDI	SAIFI	CAIDI	MAIFI
2016	70.79	0.628	112.67	0.615		64.39	0.595	108.26	0.573
2017	96.54	0.524	184.28	0.474		57.48	0.443	129.65	0.414
2018	73.87	0.658	112.29	0.390		71.99	0.645	111.65	0.390
2019	67.08	0.581	115.54	0.308		67.06	0.580	115.53	0.308
2020	64.38	0.600	107.28	0.322		49.66	0.538	92.35	0.303
2021	61.51	0.584	105.38	0.477		61.47	0.583	105.40	0.477
2022	72.77	0.483	150.78	0.579		72.77	0.483	150.78	0.579
2023	68.01	0.548	124.06	0.301		68.01	0.548	124.06	0.301
2024	111.88	0.688	162.62	0.407		87.22	0.597	146.11	0.370
2025	57.72	0.440	131.13	0.425		57.66	0.433	133.12	0.407

Table 2-4: North Coast - District Reliability Indices (2016 – 2025)

MED Included						MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI		SAIDI	SAIFI	CAIDI	MAIFI
2016	78.82	0.501	157.21	0.558		61.31	0.411	149.09	0.412
2017	79.85	0.524	152.48	0.299		64.43	0.483	133.32	0.299
2018	80.59	0.571	141.25	0.399		61.47	0.540	113.75	0.399
2019	82.50	0.624	132.18	0.305		58.58	0.600	97.64	0.305
2020	110.69	0.551	200.88	0.184		58.58	0.463	126.43	0.183
2021	83.36	0.758	109.96	0.420		83.36	0.758	109.96	0.420
2022	60.78	0.512	118.67	0.329		60.78	0.512	118.67	0.329
2023	68.82	0.593	115.99	0.226		68.82	0.593	115.99	0.226
2024	41.52	0.396	104.83	0.261		40.90	0.379	107.97	0.261

2025	56.91	0.530	107.37	0.255		56.41	0.525	107.52	0.255

Table 2-5: Northeast - District Reliability Indices (2016 – 2025)

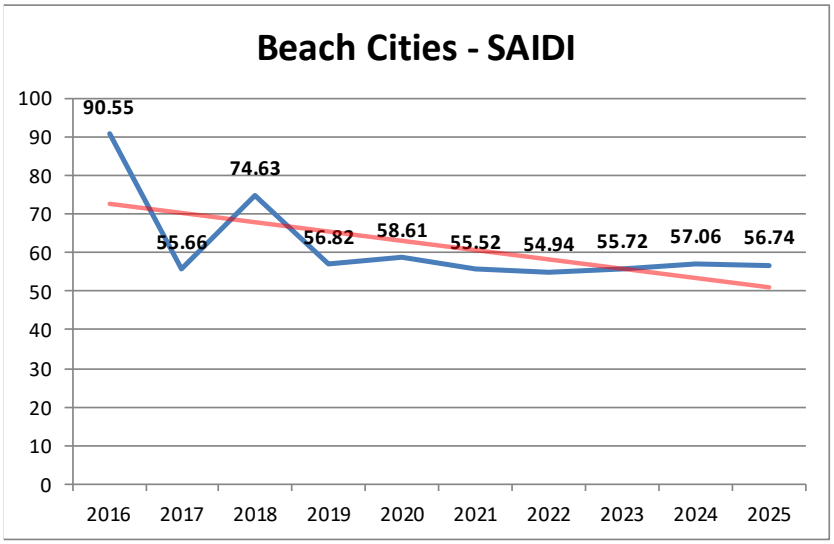
MED Included						MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI		SAIDI	SAIFI	CAIDI	MAIFI
2016	93.94	0.815	115.27	0.323		82.15	0.779	105.39	0.270
2017	234.23	0.739	316.98	0.203		79.82	0.651	122.59	0.182
2018	244.84	0.788	310.65	0.200		90.33	0.694	130.20	0.200
2019	282.64	0.808	349.68	0.301		108.37	0.683	158.71	0.301
2020	539.87	1.166	463.18	0.251		97.92	0.843	116.14	0.218
2021	95.83	0.881	108.71	0.237		89.61	0.875	102.47	0.237
2022	86.56	0.740	116.94	0.267		86.56	0.740	116.94	0.267
2023	83.84	0.741	113.21	0.205		83.84	0.741	113.21	0.205
2024	431.96	0.842	512.75	0.214		84.03	0.660	127.41	0.214
2025	298.52	0.690	432.43	0.208		102.21	0.594	172.13	0.208

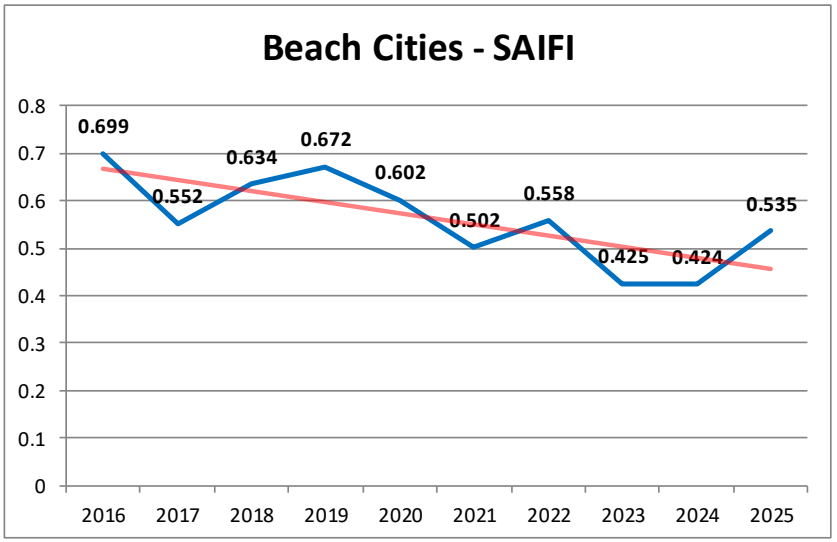
Table 2-6: Orange County - District Reliability Indices (2016 – 2025)

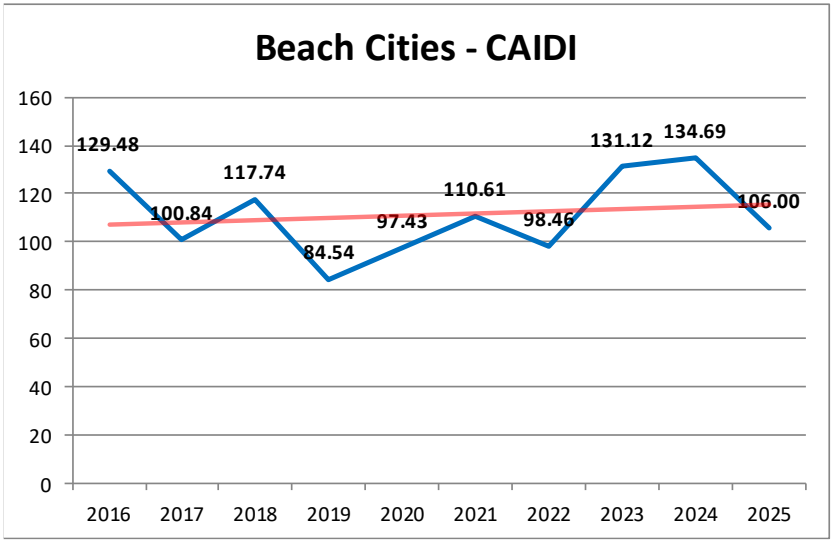
MED Included						MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI		SAIDI	SAIFI	CAIDI	MAIFI
2016	80.99	0.608	133.21	0.277		71.29	0.579	123.13	0.179
2017	54.82	0.567	96.62	0.242		54.46	0.564	96.61	0.210
2018	56.02	0.585	95.80	0.168		56.02	0.585	95.80	0.168
2019	55.38	0.522	106.00	0.368		52.22	0.497	104.98	0.368
2020	64.61	0.807	80.07	0.311		61.92	0.785	78.92	0.289
2021	55.56	0.738	75.33	0.368		55.56	0.738	75.33	0.368
2022	65.82	0.640	102.90	0.050		65.82	0.640	102.90	0.050
2023	76.87	0.686	112.11	0.212		76.87	0.686	112.11	0.212
2024	100.89	0.725	139.26	0.145		100.11	0.718	139.35	0.145
2025	59.39	0.490	121.08	0.264		59.34	0.490	121.03	0.264

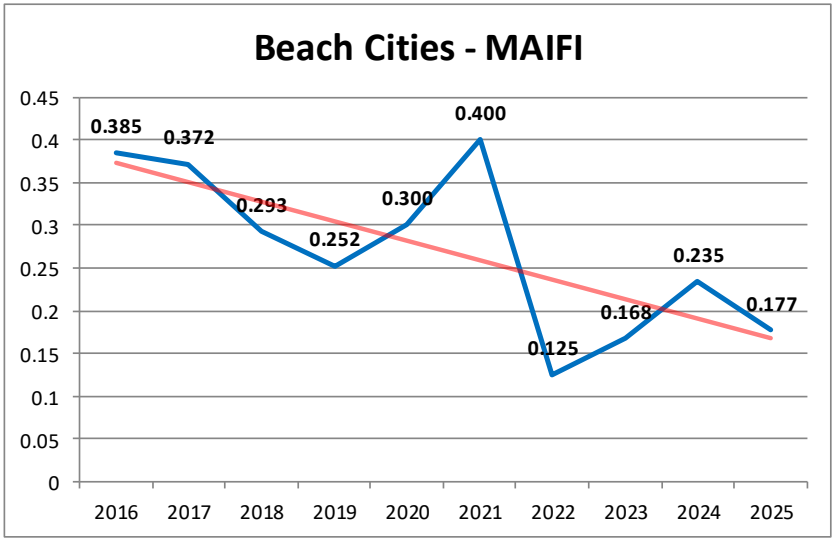
B. CHARTS FOR EACH OF SDG&E'S SIX DISTRICTS WITH LINEAR TREND LINE (EXCLUDES PLANNED AND CAISO OUTAGES; INCLUDES MED)

District Reliability Indices (Excludes Planned and ISO; Includes MED)

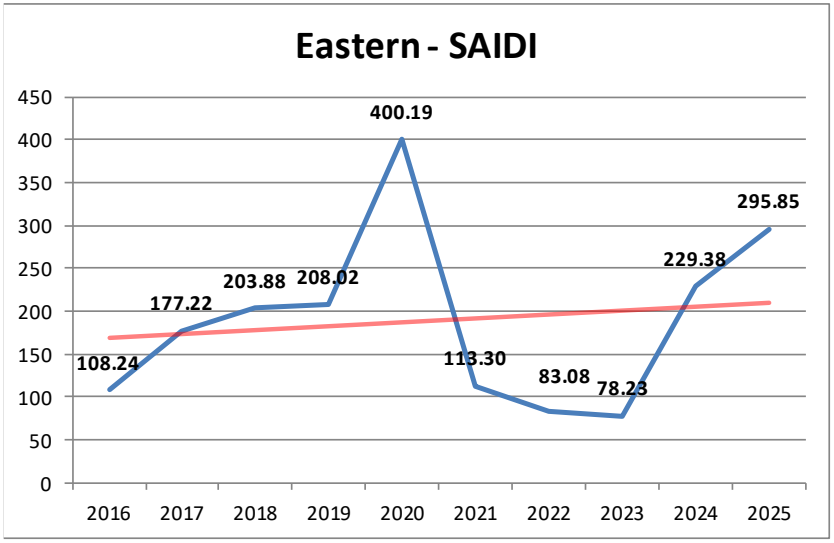


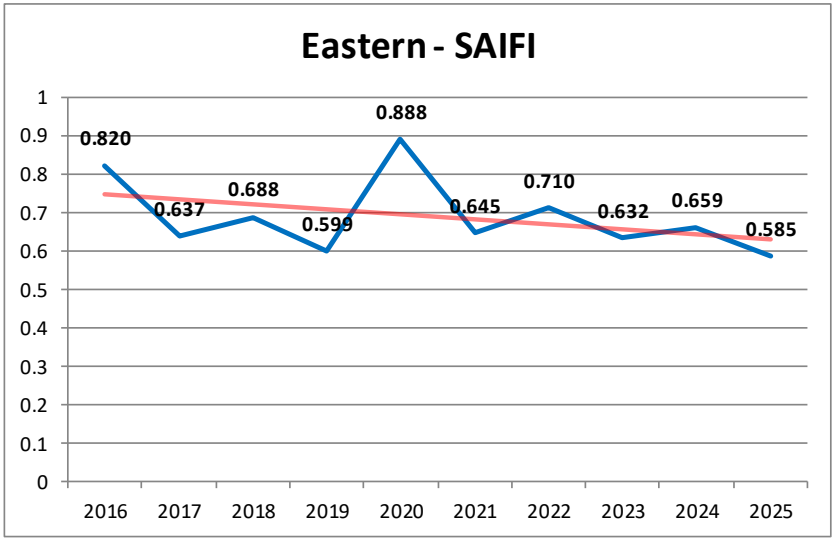


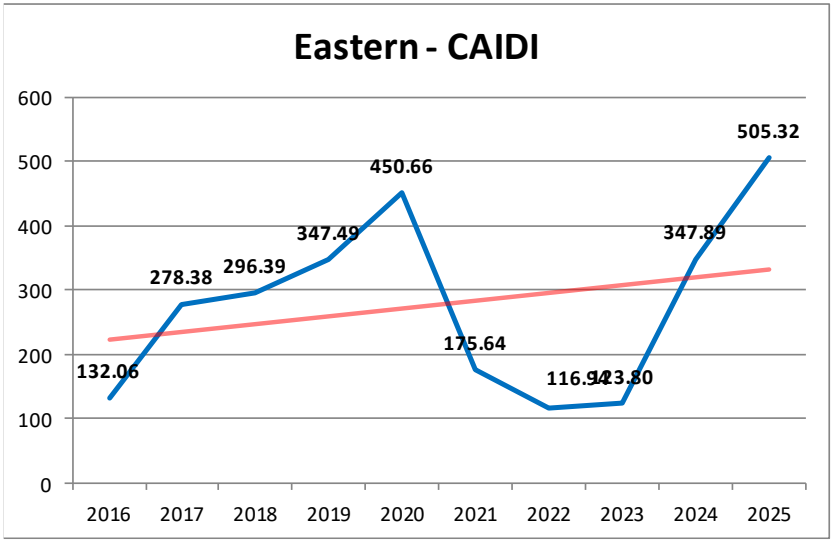


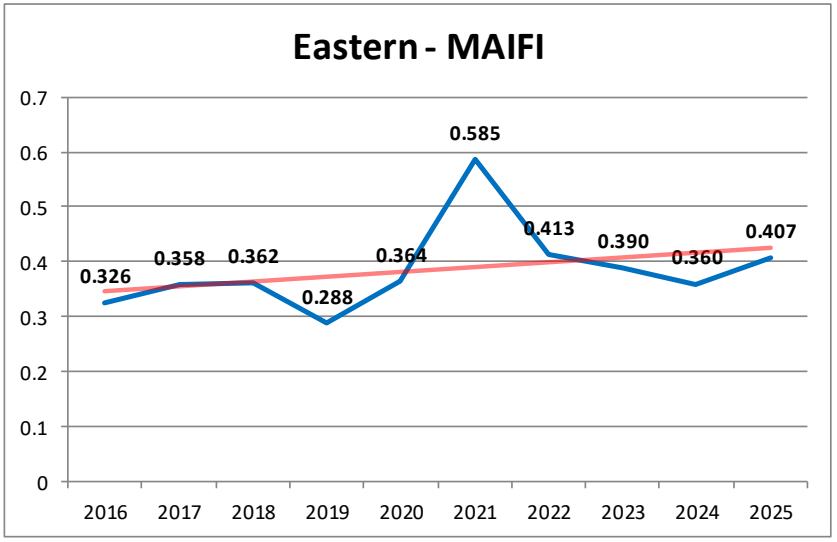


District Reliability Indices (Excludes Planned and ISO; Includes MED)

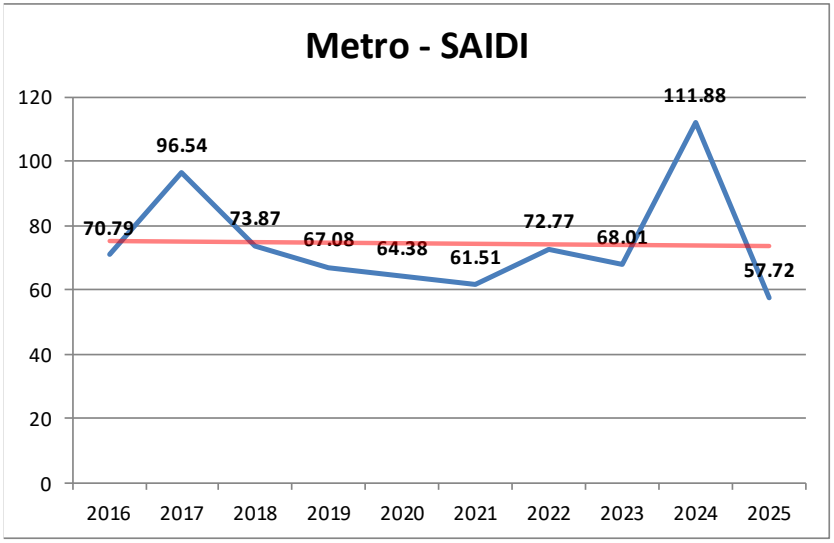


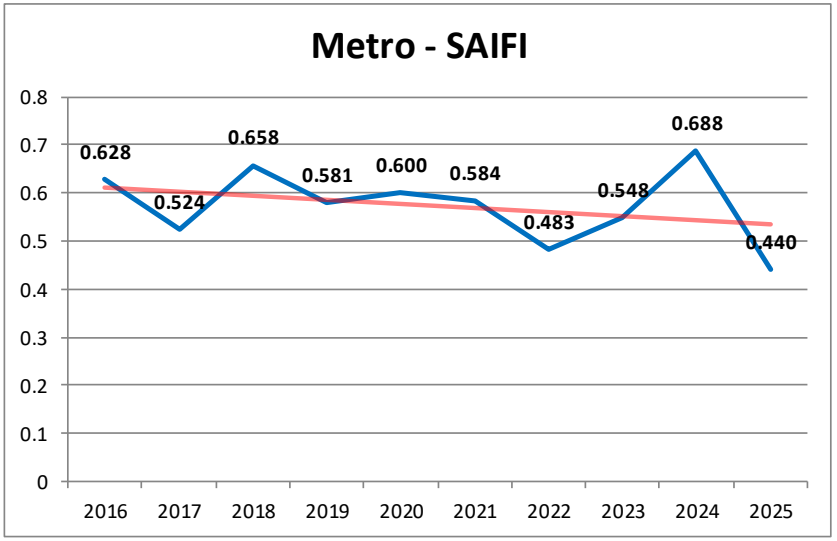


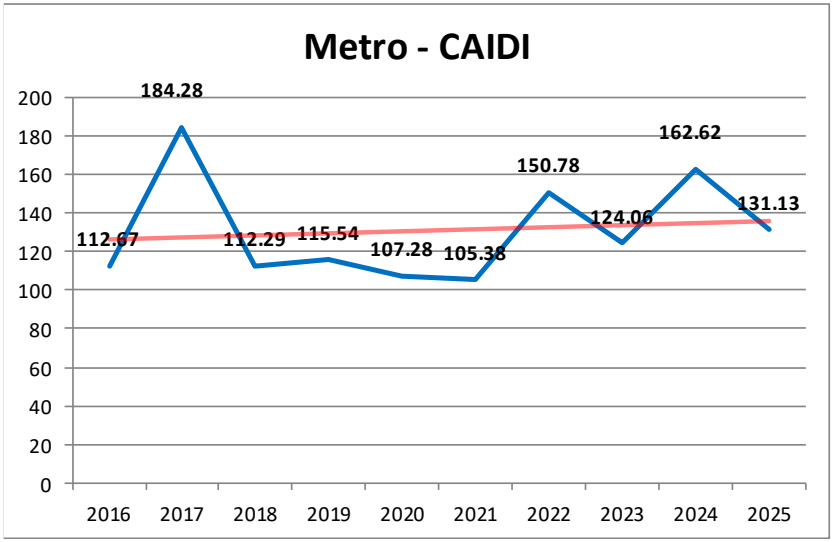


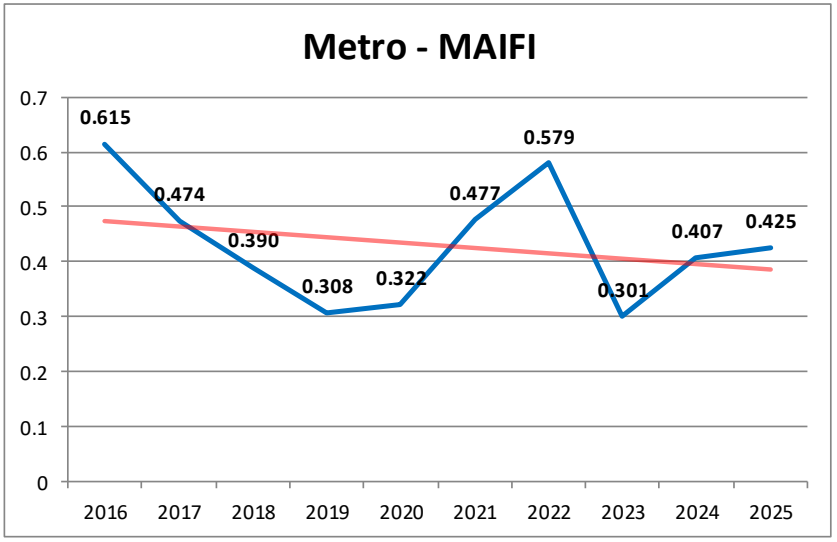


District Reliability Indices (Excludes Planned and ISO; Includes MED)

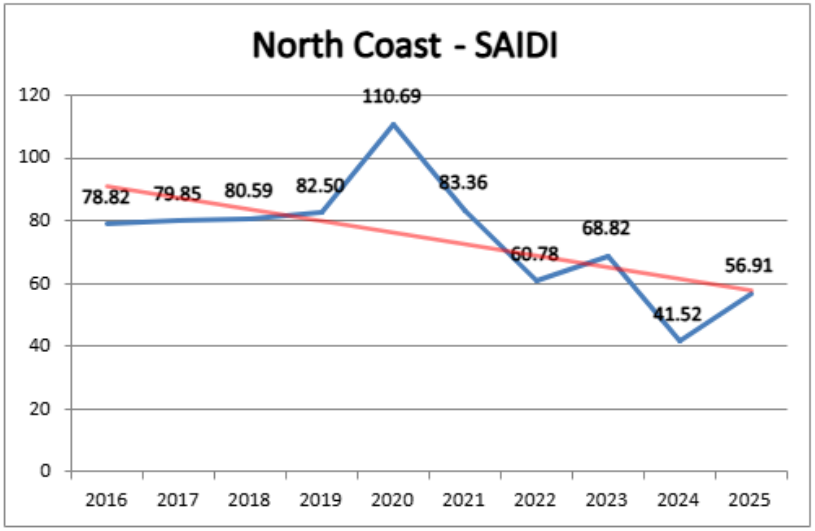


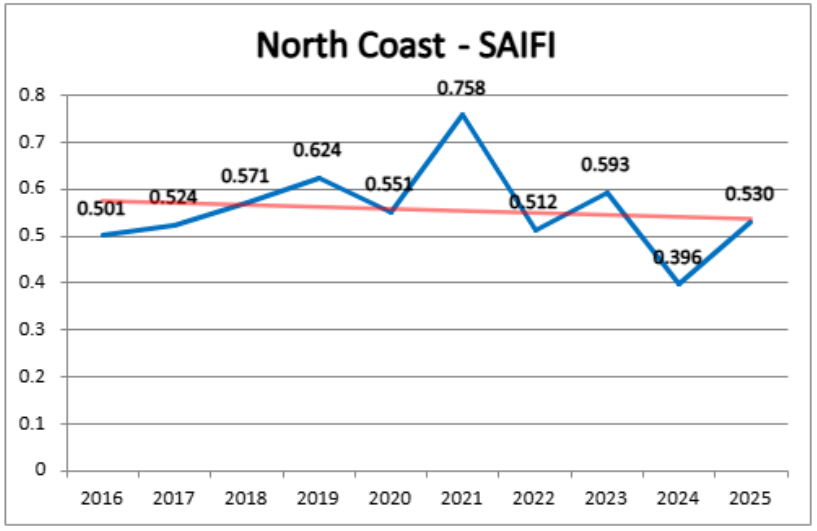


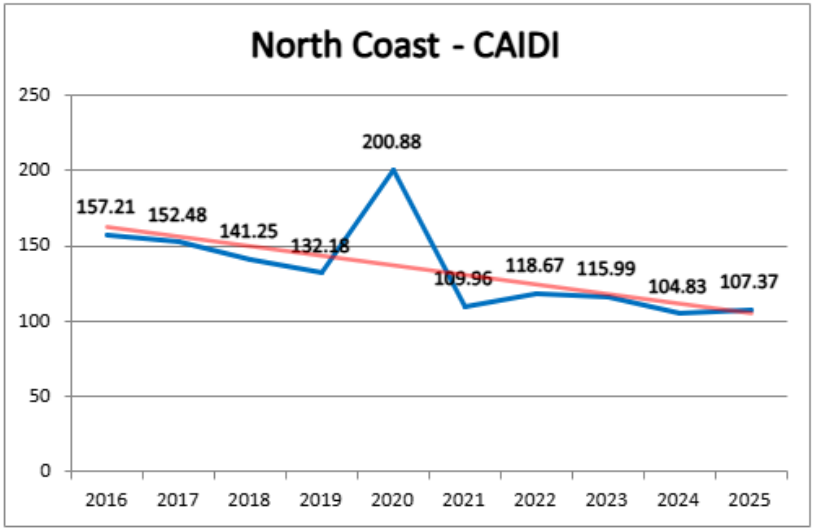


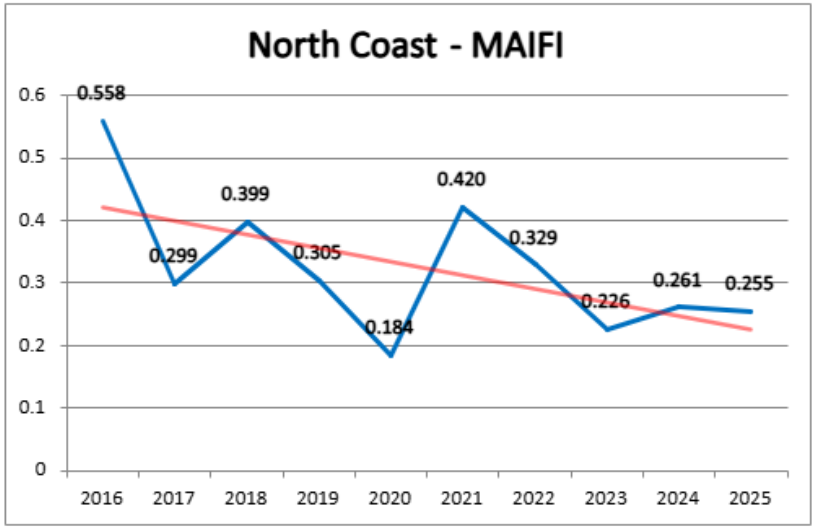


District Reliability Indices (Excludes Planned and ISO; Includes MED)

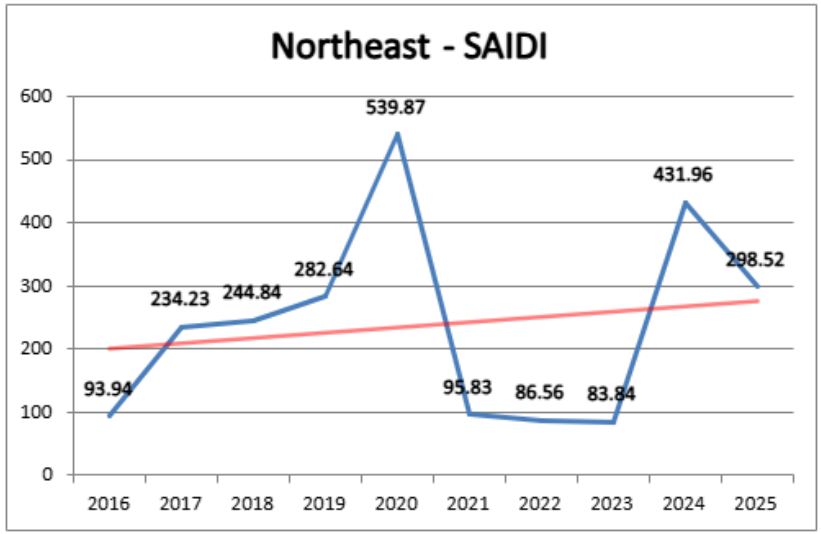


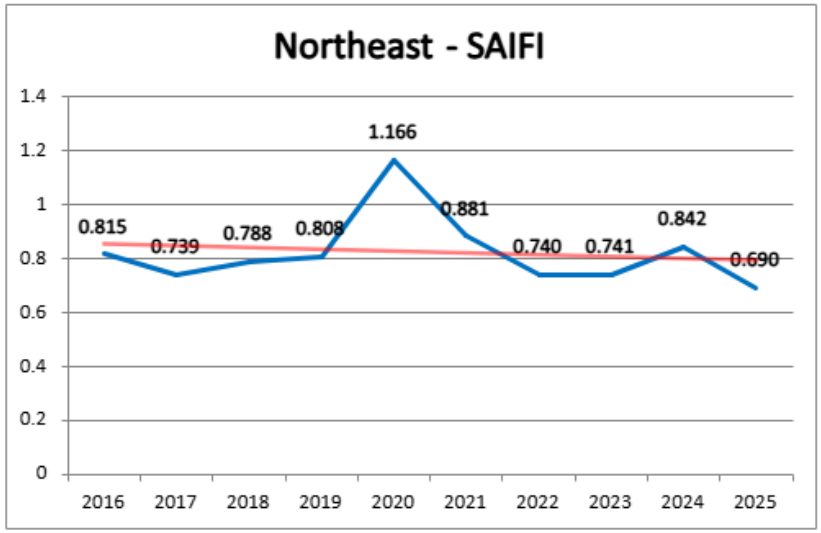


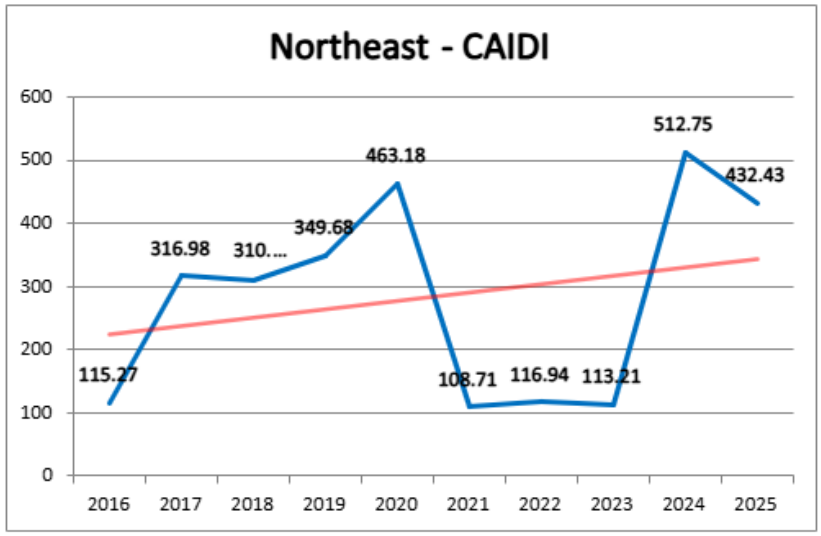


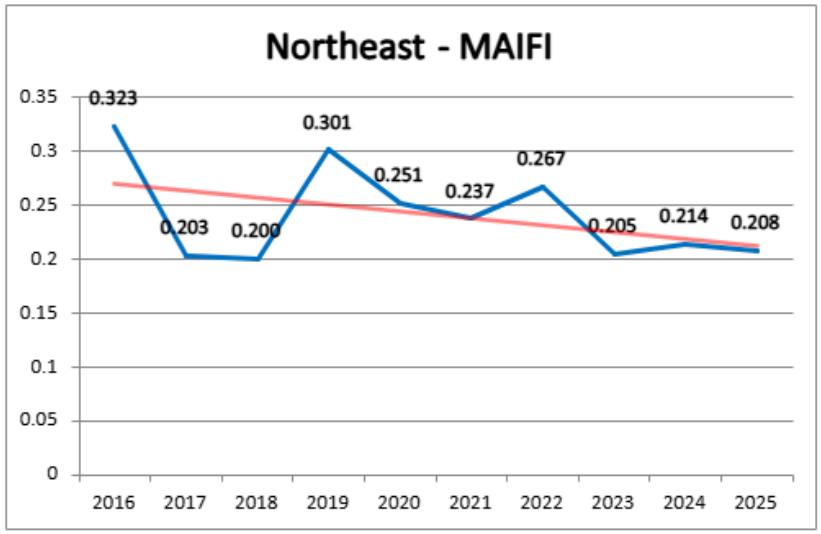


District Reliability Indices (Excludes Planned and ISO; Includes MED)

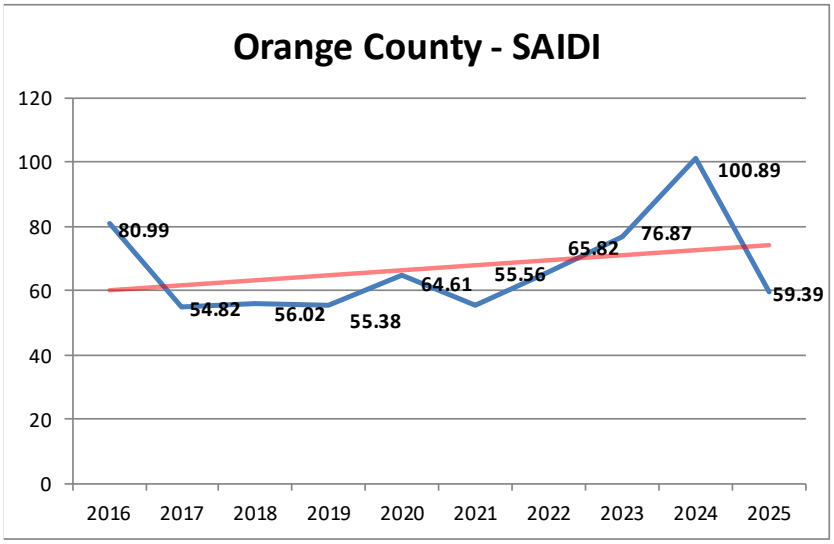


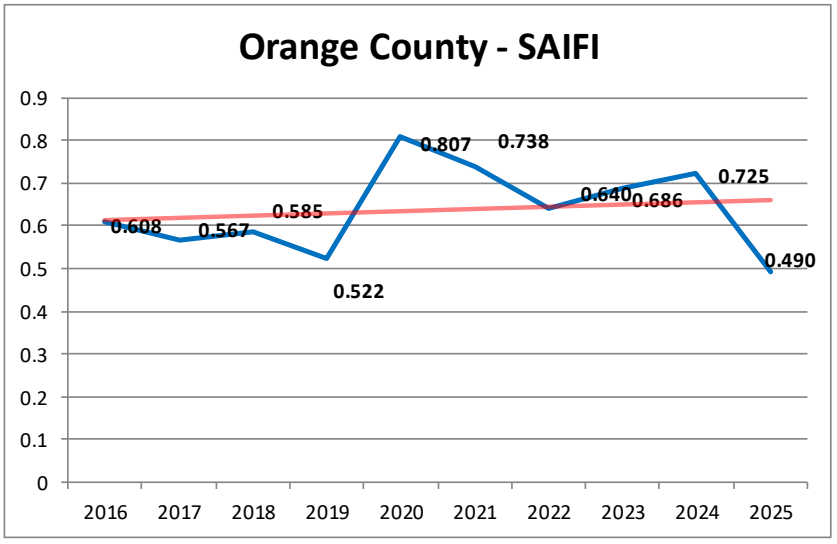


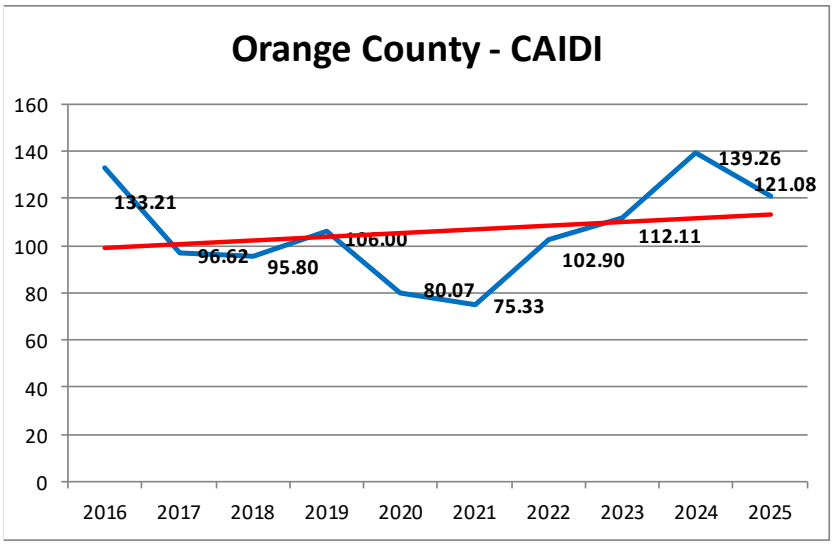


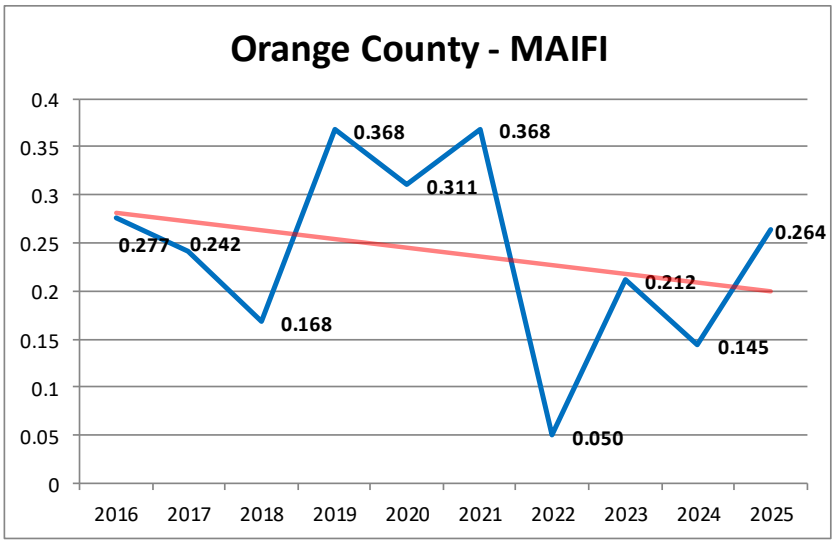


District Reliability Indices (Excludes Planned and ISO; Includes MED)



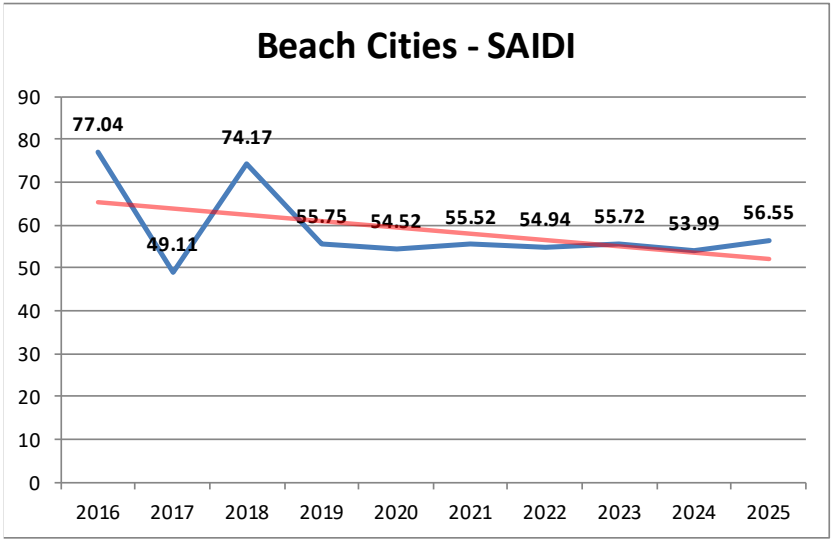


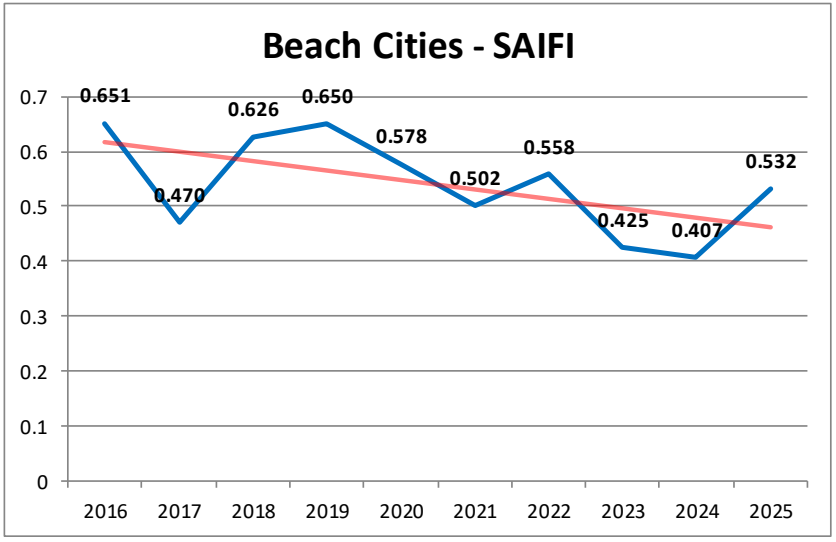


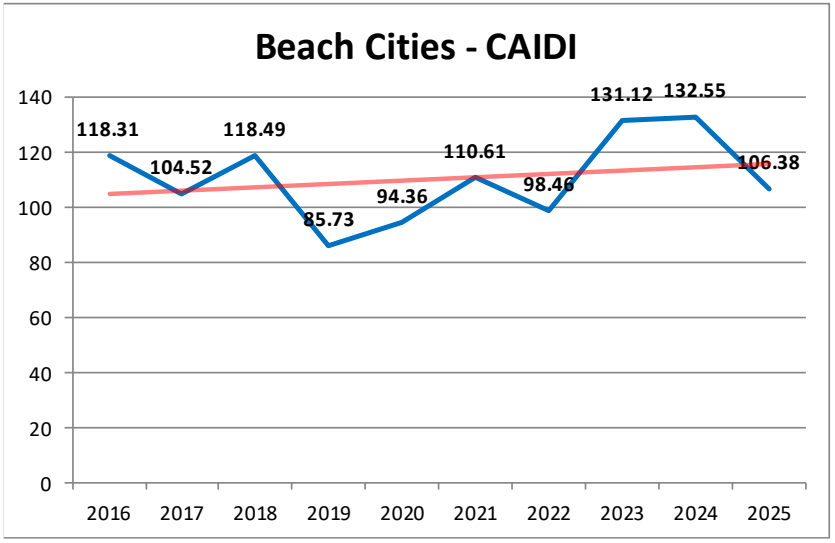


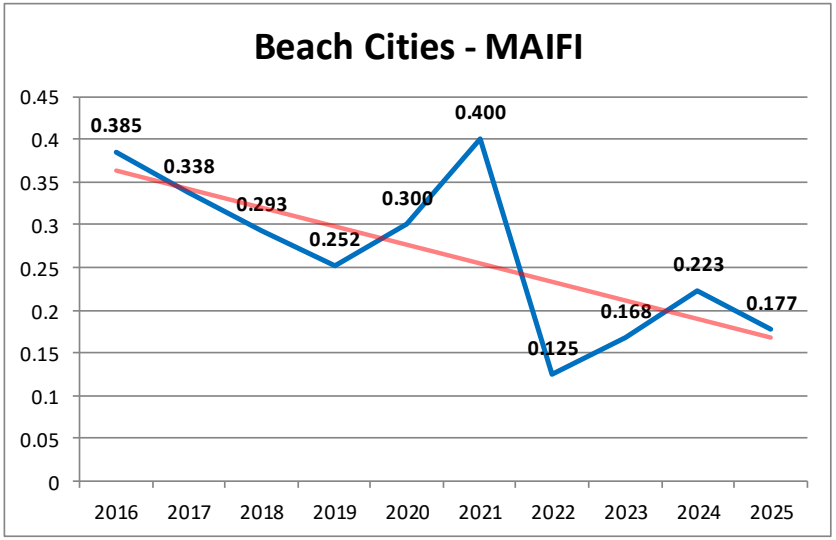
C. CHARTS FOR EACH OF SDG&E'S SIX DISTRICTS WITH LINEAR TREND LINE (EXCLUDES PLANNED, CAISO, AND MED)

District Reliability Indices (Excludes Planned, ISO and MED)

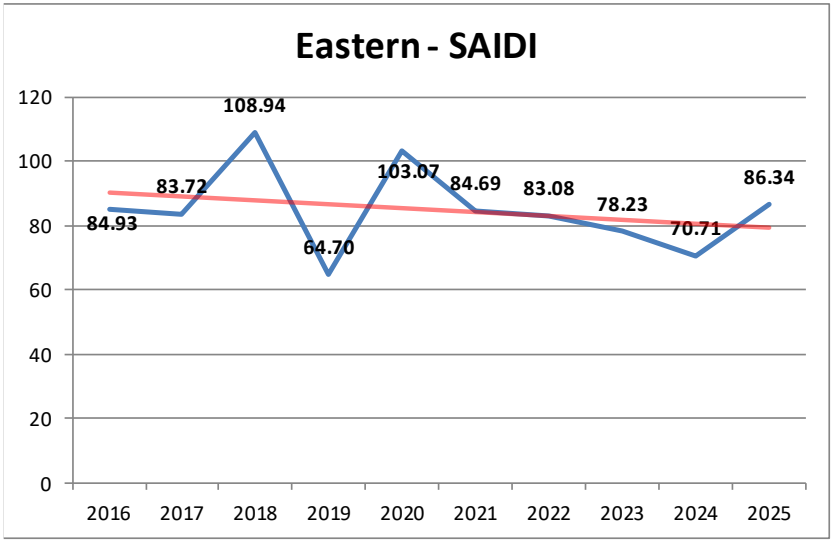


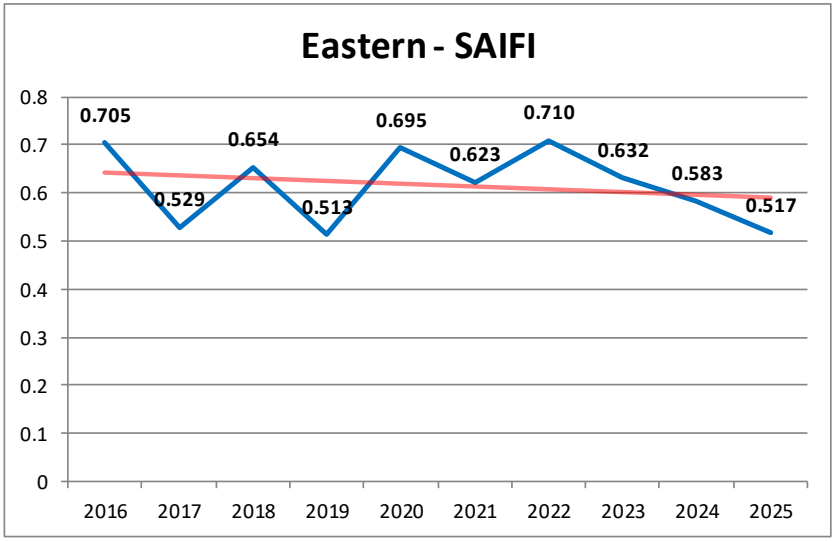


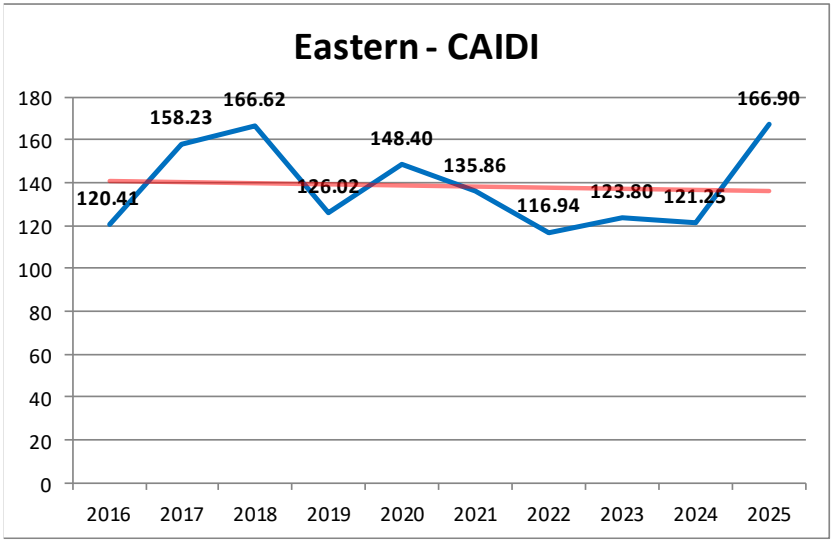


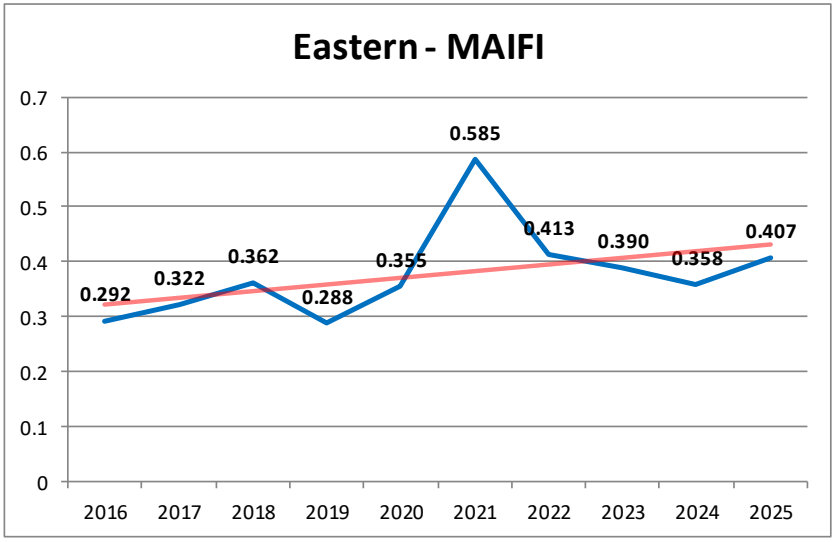


District Reliability Indices (Excludes Planned, ISO and MED)

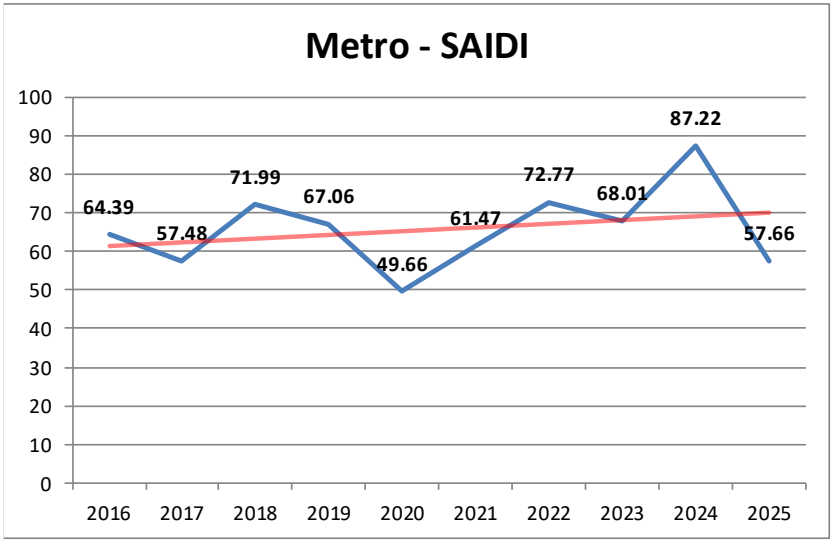


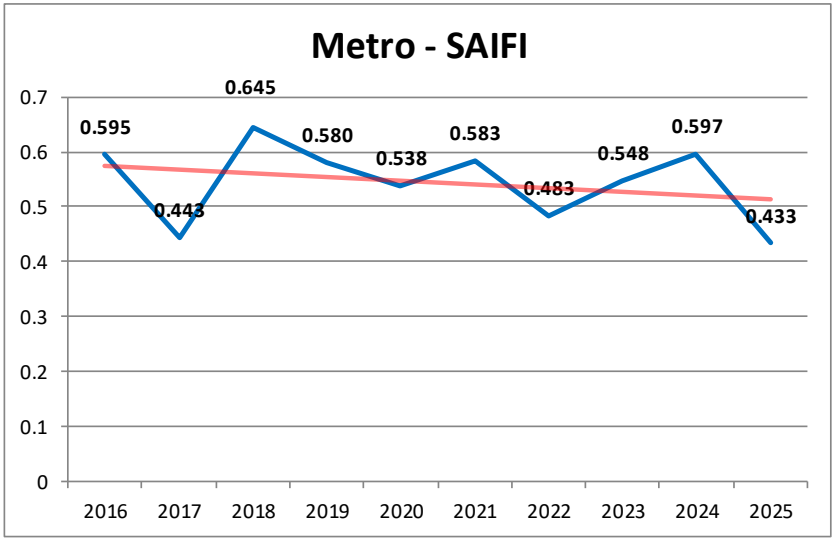


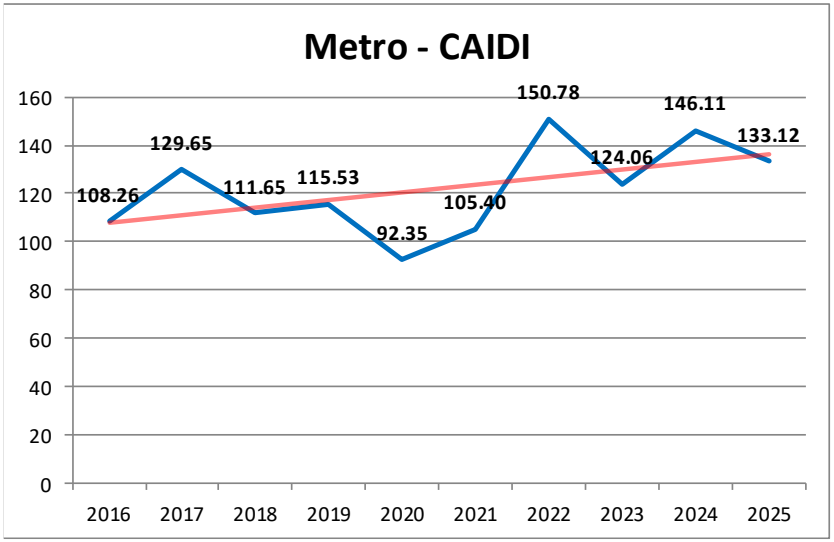


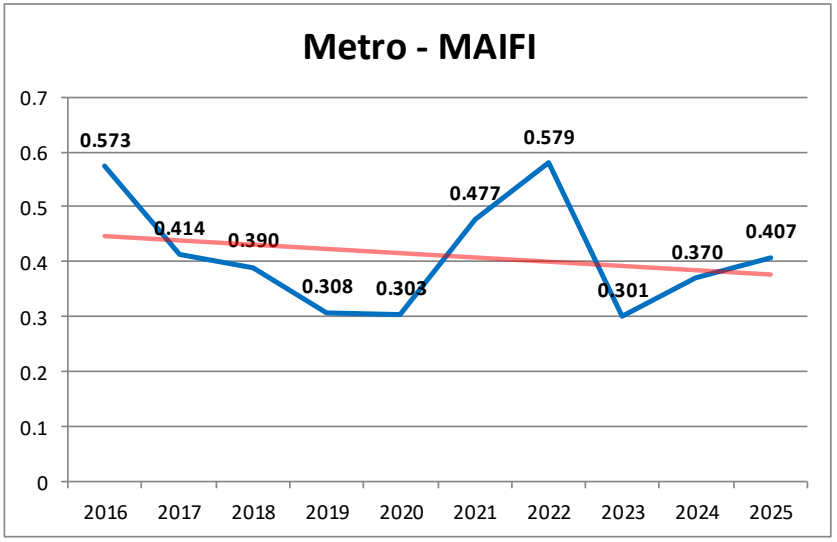


District Reliability Indices (Excludes Planned, ISO and MED)

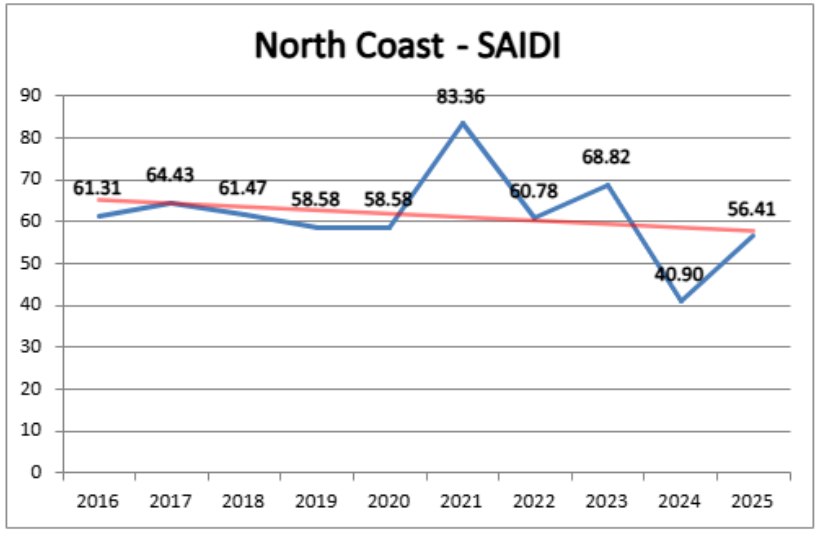


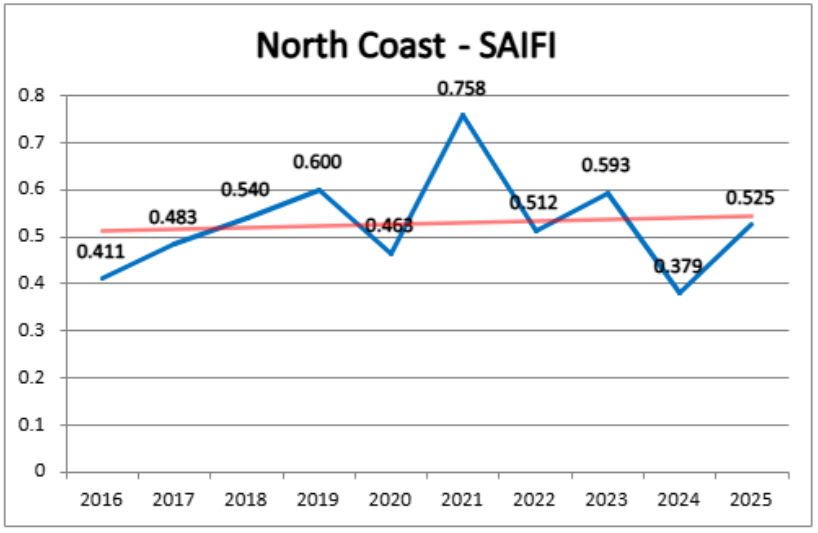


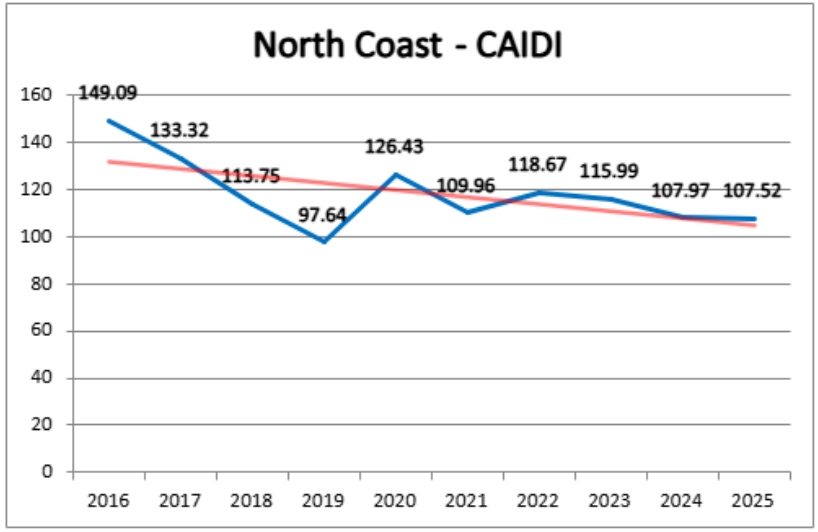


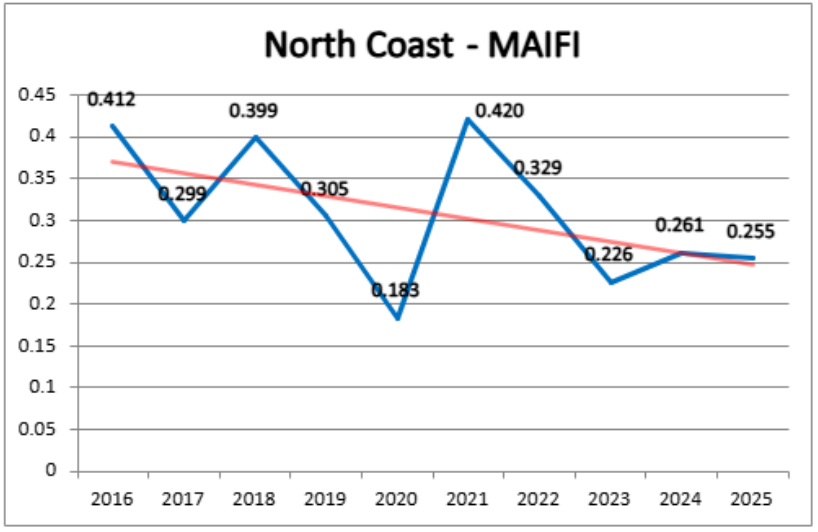


District Reliability Indices (Excludes Planned, ISO and MED)

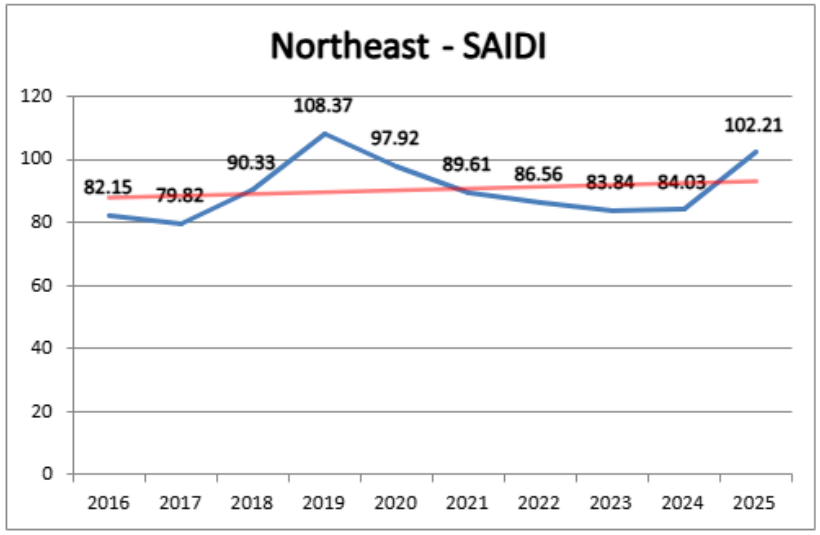


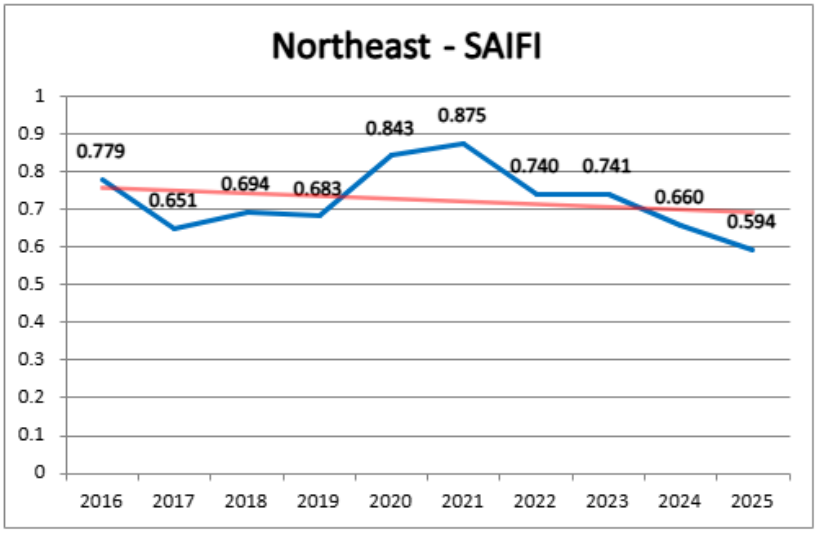


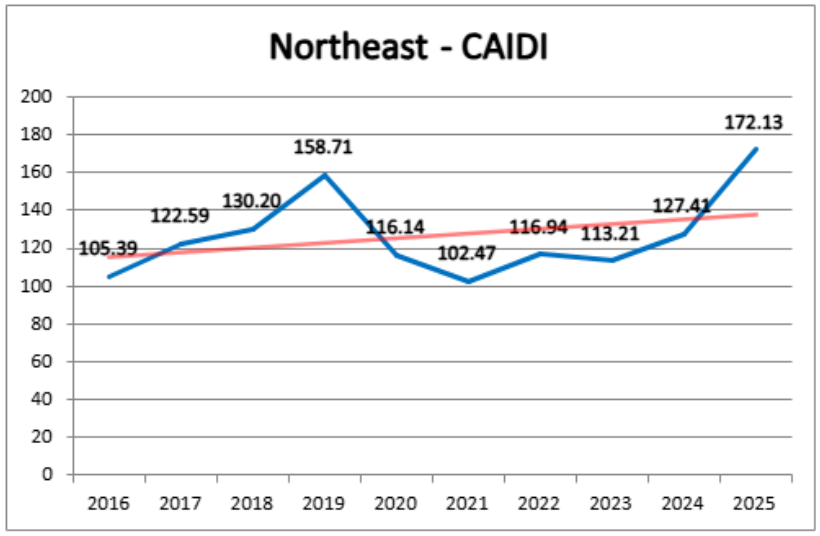


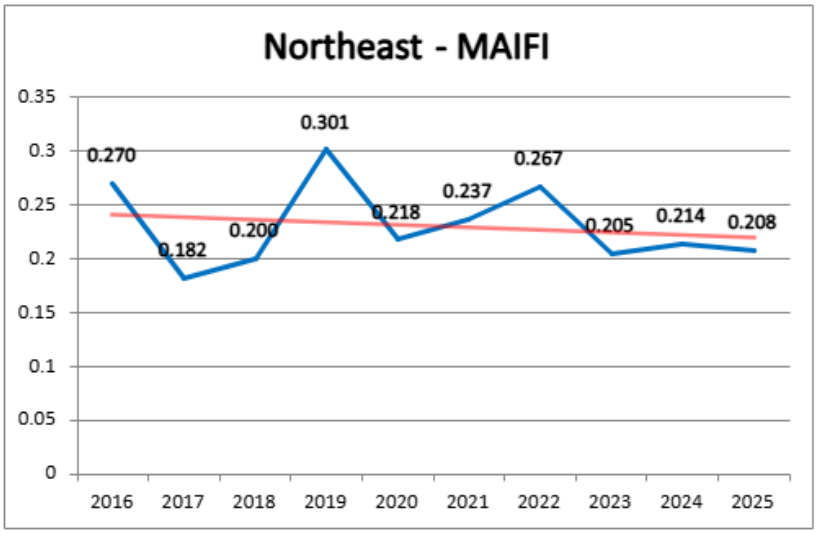


District Reliability Indices (Excludes Planned, ISO and MED)

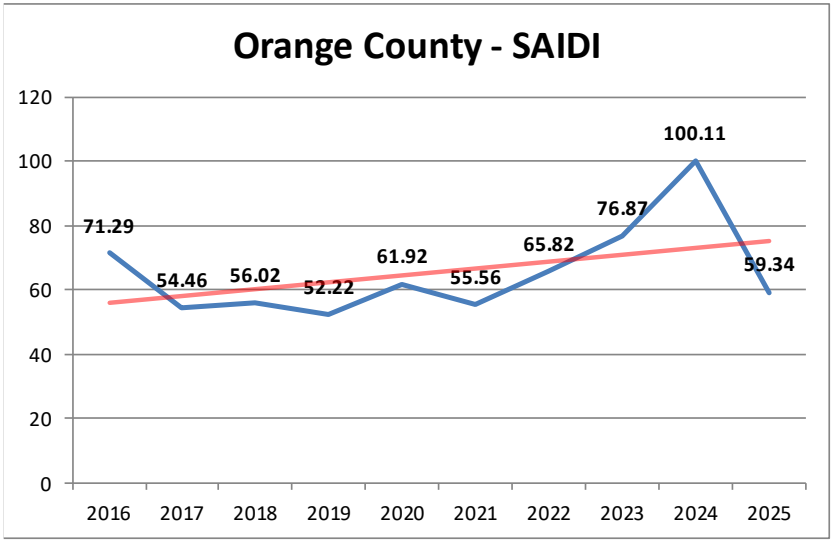


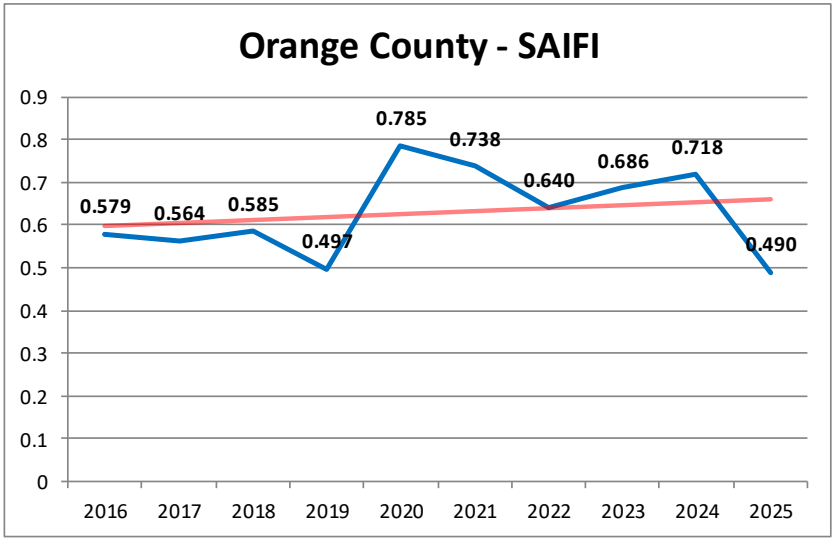


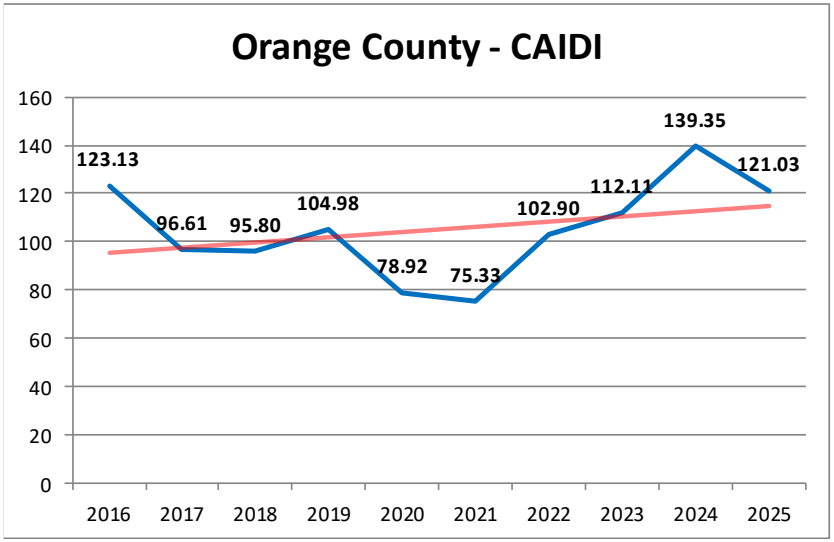


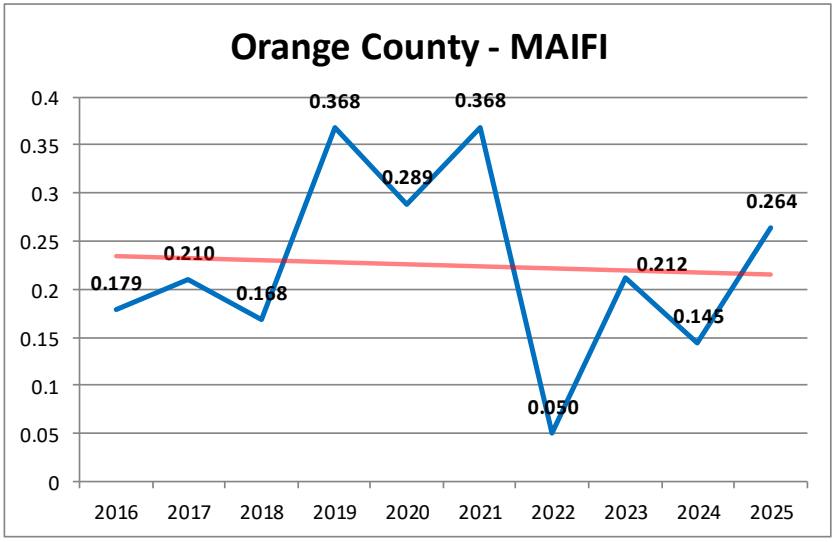


District Reliability Indices (Excludes Planned, ISO and MED)









SECTION 3 – SYSTEM AND DISTRICT INDICES BASED ON IEEE 1366 FOR THE PAST TEN YEARS, INCLUDING PLANNED OUTAGES AND INCLUDING AND EXCLUDING MED

THE INDICES BELOW REPRESENT THE COMBINED TRANSMISSION, SUBSTATION, AND DISTRIBUTION OUTAGE IMPACTS AT THE SYSTEM AND DISTRICT LEVELS.

System Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	122.06	0.802	152.18	0.467	108.78	0.744	146.21	0.409
2017	164.71	0.744	221.32	0.368	111.57	0.671	166.22	0.335
2018	167.13	0.827	202.15	0.344	123.87	0.796	155.52	0.344
2019	166.42	0.805	206.71	0.343	111.72	0.760	146.99	0.343
2020	244.05	0.917	266.09	0.326	114.19	0.798	143.02	0.312
2021	149.14	0.918	162.39	0.445	143.85	0.914	157.40	0.445
2022	137.61	0.806	170.73	0.339	137.61	0.806	170.73	0.339
2023	132.30	0.789	167.59	0.257	132.30	0.789	167.59	0.257
2024	221.84	0.813	272.77	0.294	135.72	0.744	182.44	0.283
2025	196.32	0.773	254.03	0.315	133.77	0.743	180.12	0.310

Beach Cities - District Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	109.46	0.766	142.81	0.401	95.95	0.718	133.61	0.401
2017	100.41	0.694	144.63	0.388	93.85	0.612	153.29	0.354
2018	142.64	0.859	166.08	0.316	142.18	0.851	167.07	0.316
2019	107.19	0.888	120.72	0.299	106.12	0.866	122.57	0.299
2020	96.18	0.779	123.47	0.350	92.10	0.755	121.91	0.350
2021	147.15	0.818	180.00	0.403	147.16	0.818	179.99	0.403
2022	118.82	0.791	150.21	0.153	118.82	0.791	150.21	0.153
2023	134.13	0.673	199.22	0.178	134.13	0.673	199.22	0.178
2024	98.18	0.584	168.26	0.236	95.09	0.567	167.83	0.224
2025	114.08	0.741	153.90	0.177	113.30	0.734	154.26	0.177

Eastern - District Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	136.40	0.911	149.76	0.332	113.09	0.797	141.97	0.298
2017	207.65	0.763	272.23	0.386	114.15	0.655	174.20	0.351
2018	241.61	0.830	291.11	0.394	146.67	0.796	184.28	0.394
2019	249.63	0.749	333.45	0.308	106.30	0.663	160.24	0.308
2020	466.28	1.100	423.85	0.459	169.17	0.907	186.58	0.450
2021	181.24	0.874	207.35	0.643	152.63	0.852	179.07	0.643
2022	140.04	0.922	151.89	0.431	140.04	0.922	151.89	0.431
2023	143.60	0.846	169.83	0.395	143.60	0.846	169.83	0.395
2024	283.59	0.836	339.23	0.368	124.87	0.759	164.41	0.367
2025	335.62	0.762	440.47	0.427	126.11	0.694	181.77	0.427

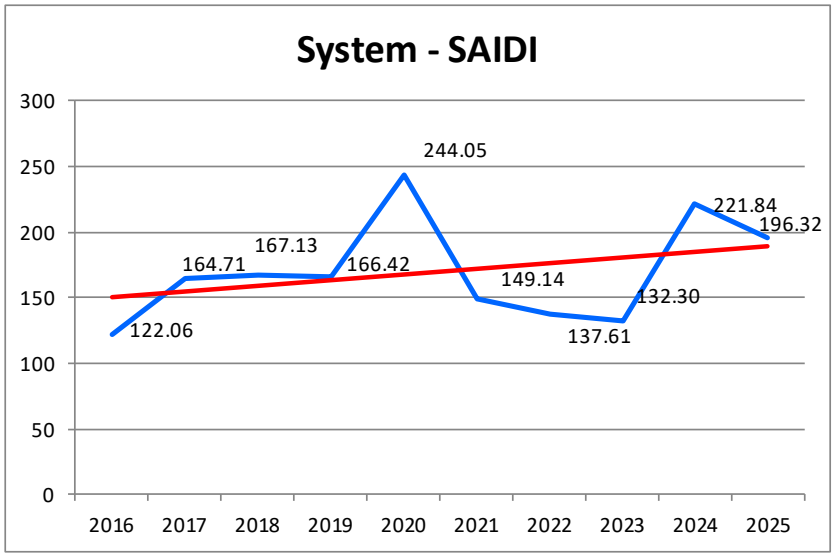
Metro - District Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	114.66	0.759	150.99	0.617	108.26	0.726	149.14	0.416
2017	151.01	0.683	221.25	0.478	111.95	0.602	185.96	0.394
2018	104.76	0.777	134.89	0.408	102.88	0.764	134.73	0.326
2019	100.65	0.692	145.37	0.325	100.63	0.692	145.37	0.321
2020	105.64	0.730	144.69	0.326	90.92	0.668	136.17	0.480
2021	119.98	0.761	157.74	0.483	119.94	0.760	157.79	0.586
2022	155.78	0.682	228.42	0.593	155.78	0.682	228.42	0.315
2023	123.63	0.728	169.93	0.306	123.63	0.728	169.93	0.375
2024	186.12	0.922	201.93	0.414	161.46	0.831	194.38	0.415
2025	139.73	0.713	195.90	0.448	139.00	0.705	197.25	0.430

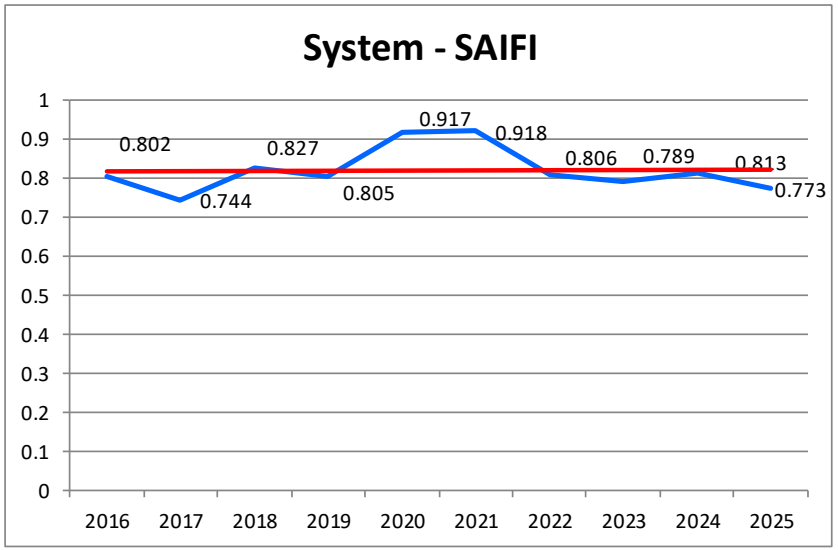
North Coast - District Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	114.65	0.664	172.72	0.584	97.14	0.573	169.41	0.437
2017	108.76	0.665	163.62	0.329	93.34	0.624	149.58	0.329
2018	118.73	0.712	166.71	0.419	99.62	0.682	146.13	0.419
2019	115.12	0.774	148.68	0.319	91.20	0.750	121.58	0.319
2020	154.26	0.678	227.46	0.201	102.15	0.590	173.09	0.199
2021	162.39	1.014	160.11	0.433	162.39	1.014	160.13	0.433
2022	106.40	0.675	157.63	0.330	106.40	0.675	157.63	0.330
2023	112.09	0.715	156.83	0.226	112.09	0.715	156.83	0.226
2024	84.98	0.524	162.27	0.271	84.36	0.507	166.51	0.271
2025	126.53	0.771	164.12	0.257	125.72	0.764	164.51	0.257

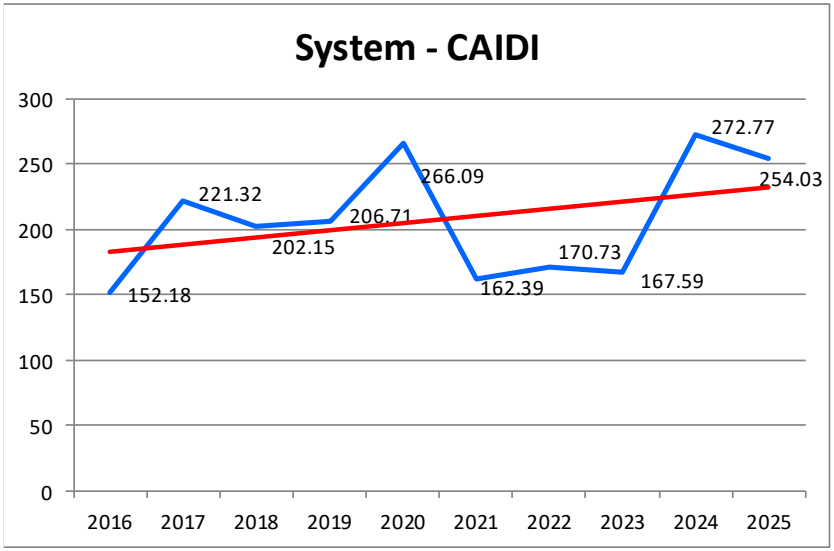
Northeast - District Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	154.02	1.010	152.56	0.410	142.23	0.974	146.02	0.357
2017	315.41	0.986	319.80	0.261	161.00	0.898	179.20	0.240
2018	312.53	1.043	299.75	0.234	158.02	0.948	166.64	0.234
2019	344.80	1.051	328.19	0.444	170.54	0.925	184.34	0.444
2020	596.86	1.448	412.18	0.304	154.91	1.126	137.62	0.271
2021	167.36	1.168	143.32	0.303	161.14	1.161	138.82	0.303
2022	167.38	1.000	167.38	0.269	167.38	1.000	167.38	0.269
2023	156.72	0.995	157.53	0.205	156.72	0.995	157.53	0.205
2024	526.07	1.137	462.80	0.226	178.14	0.954	186.77	0.226
2025	378.78	0.985	384.73	0.268	182.45	0.888	205.49	0.268

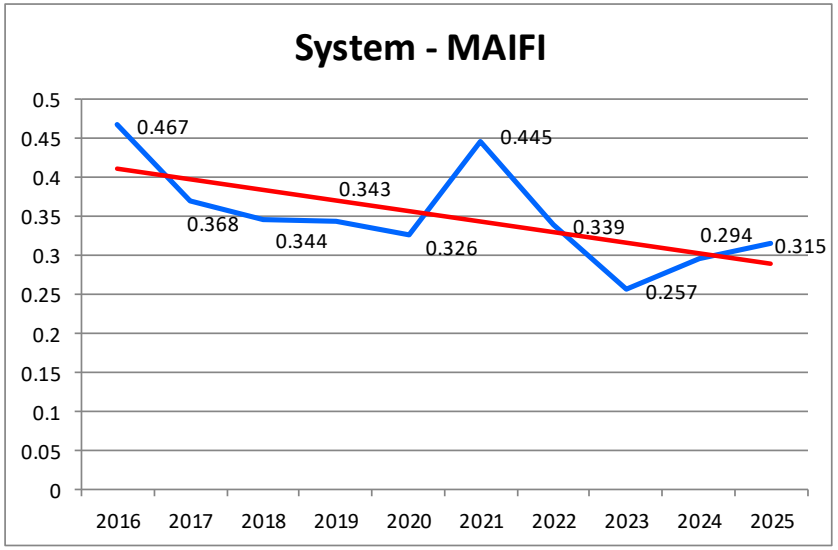
Orange County - District Indices (2016 – 2025) Planned and Unplanned								
MED Included					MED Excluded			
Year	SAIDI	SAIFI	CAIDI	MAIFI	SAIDI	SAIFI	CAIDI	MAIFI
2016	98.96	0.688	143.86	0.288	89.26	0.659	135.47	0.190
2017	87.10	0.692	125.90	0.260	86.73	0.688	126.05	0.229
2018	89.71	0.716	125.27	0.198	89.71	0.716	125.27	0.198
2019	101.98	0.656	155.49	0.404	98.83	0.631	156.64	0.404
2020	85.25	0.901	94.66	0.329	82.56	0.878	94.00	0.307
2021	122.87	1.002	122.67	0.370	122.87	1.002	122.67	0.370
2022	131.05	0.880	148.92	0.051	131.05	0.880	148.92	0.051
2023	127.17	0.891	142.67	0.216	127.17	0.891	142.67	0.216
2024	197.02	0.957	205.80	0.147	196.24	0.951	206.30	0.147
2025	102.07	0.633	161.15	0.268	102.03	0.633	161.12	0.268

System Indices - Planned and Unplanned (Excludes ISO; Includes MED)

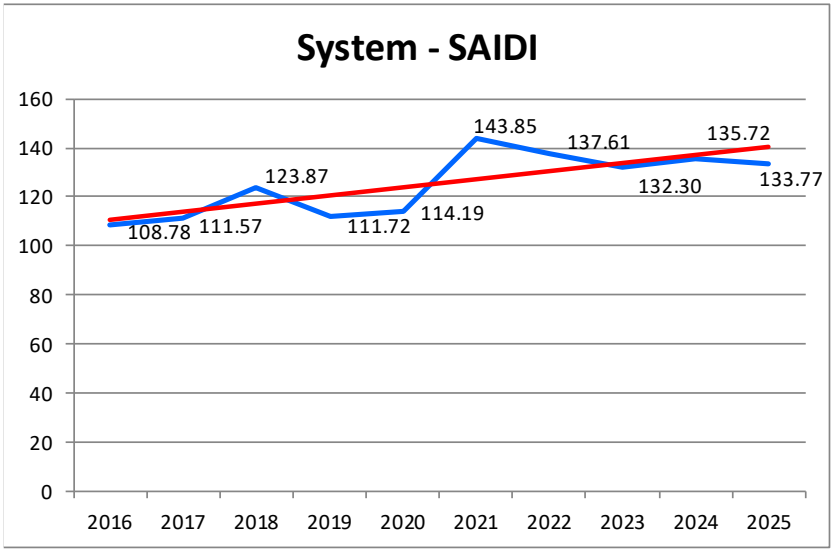


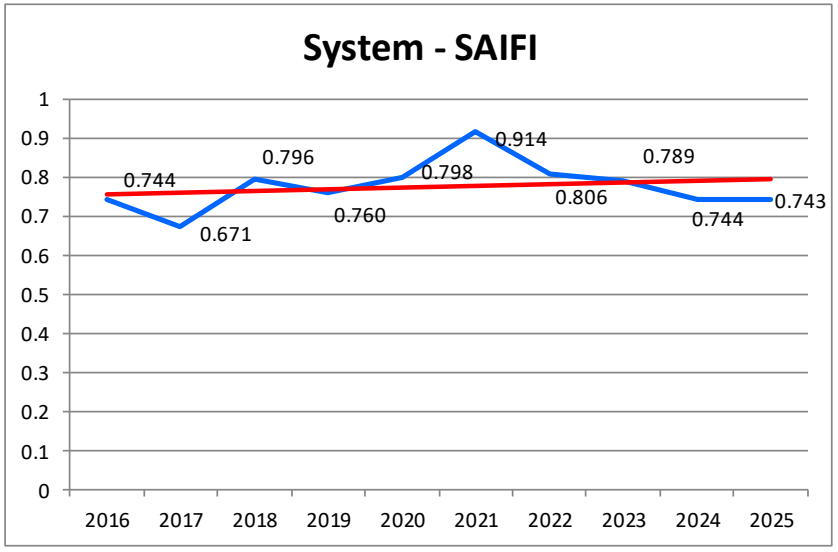


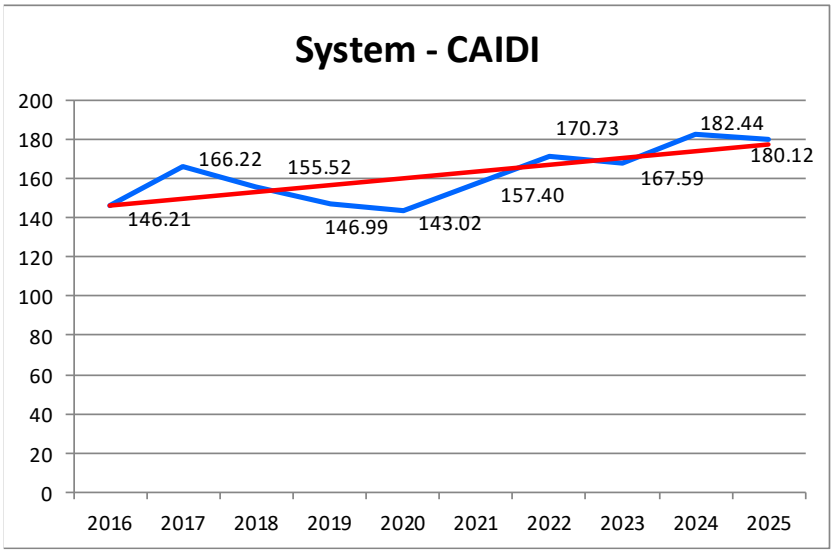


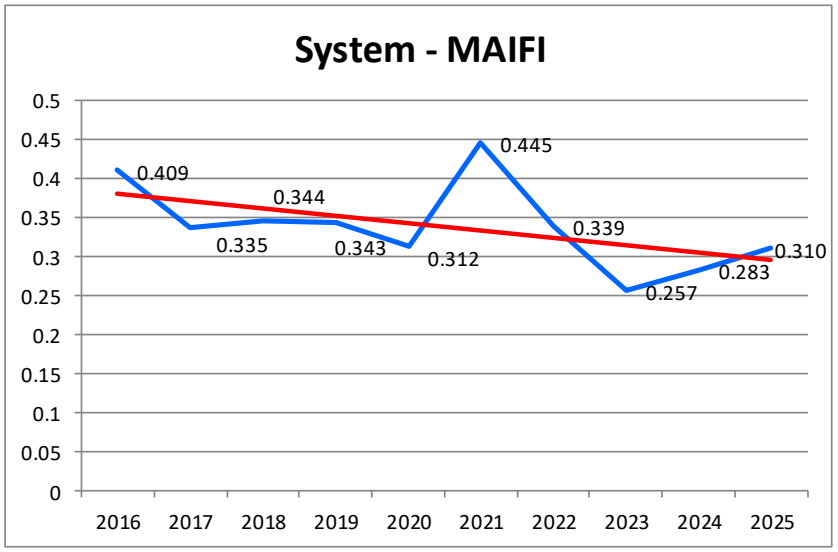


System Indices - Planned and Unplanned (Excludes ISO and MED)

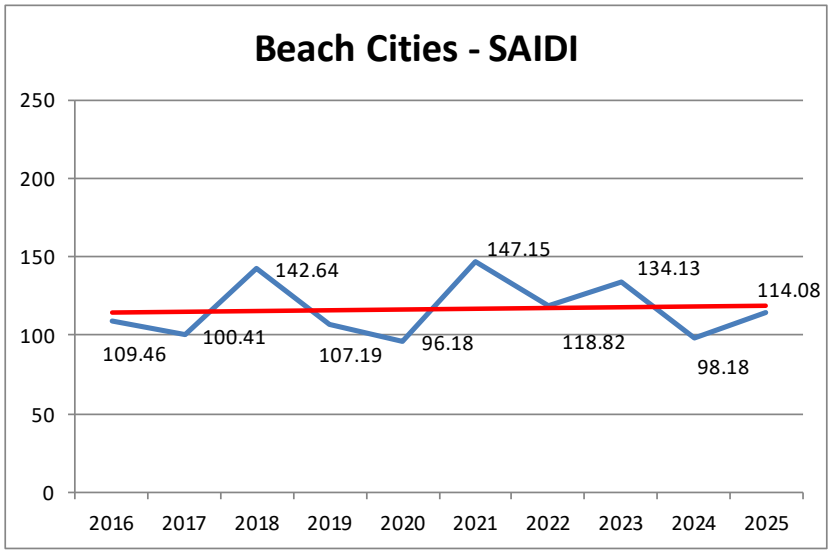


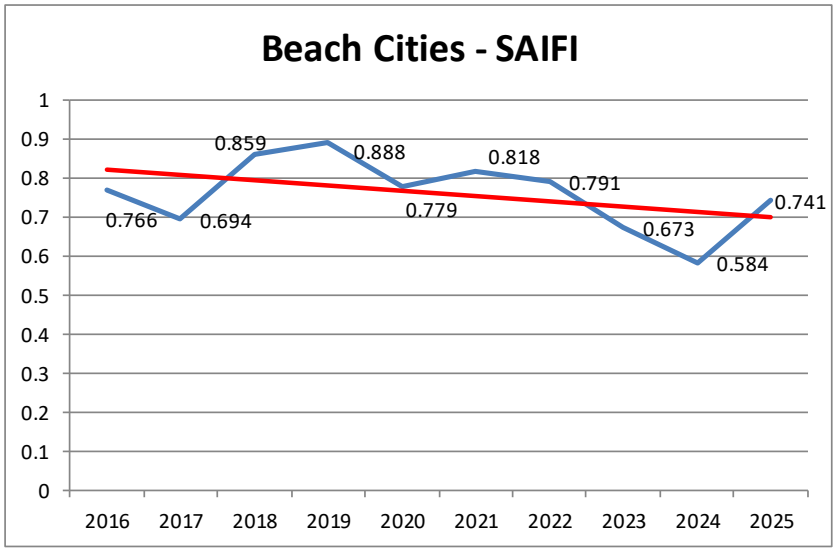


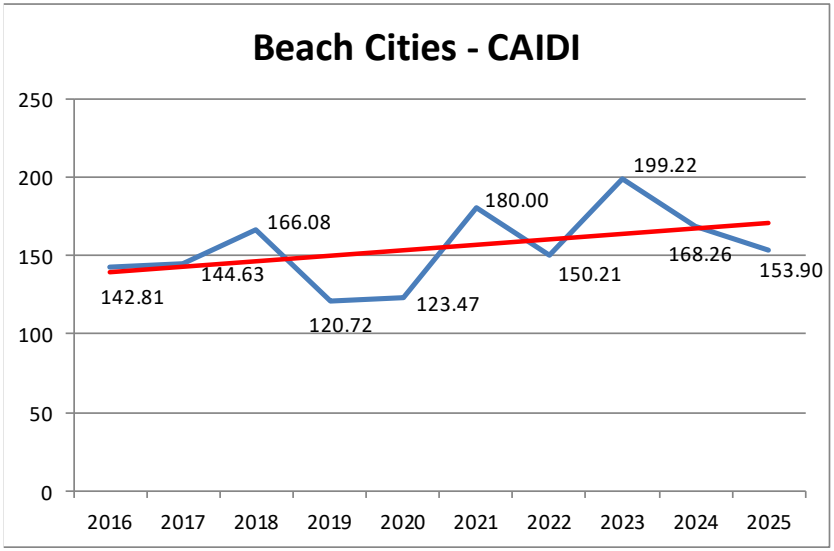


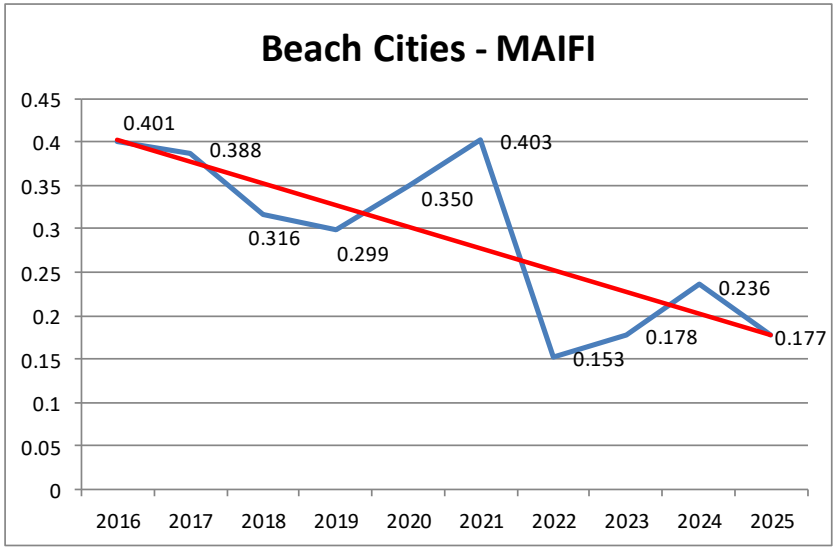


District Indices - Planned and Unplanned (Excludes ISO; Includes MED)

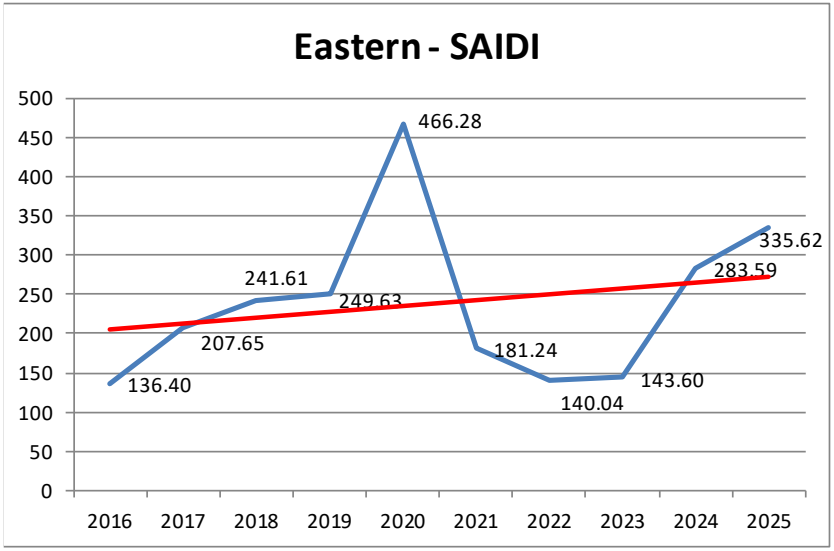


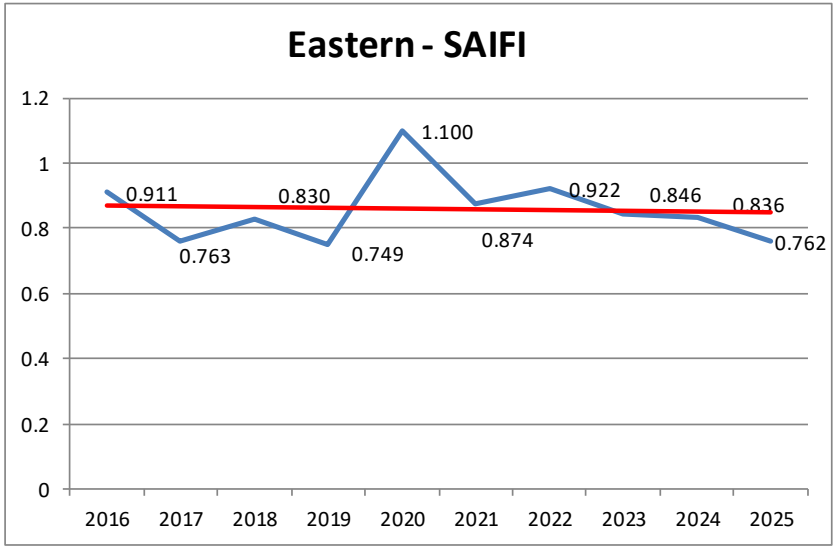


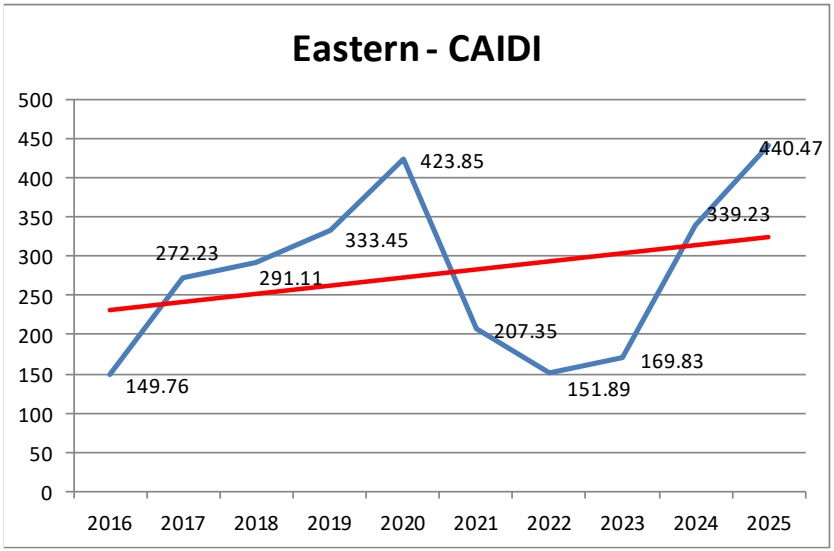


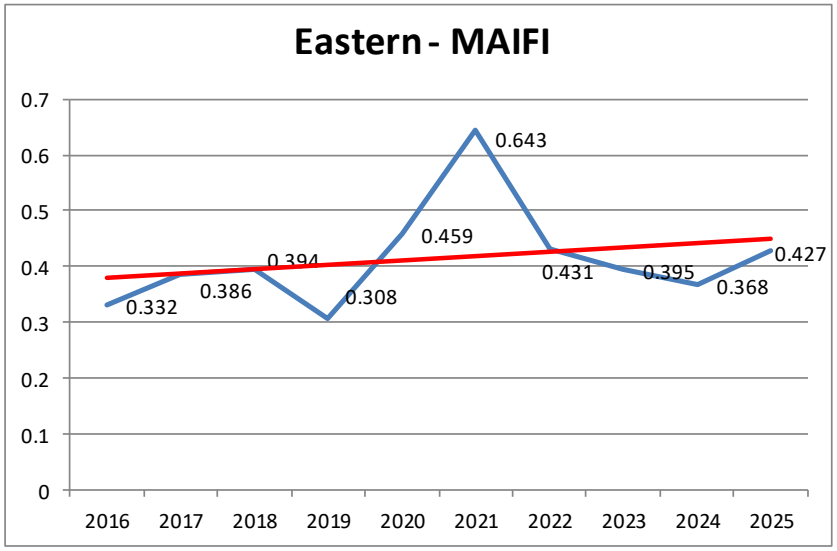


District Indices - Planned and Unplanned (Excludes ISO; Includes MED)

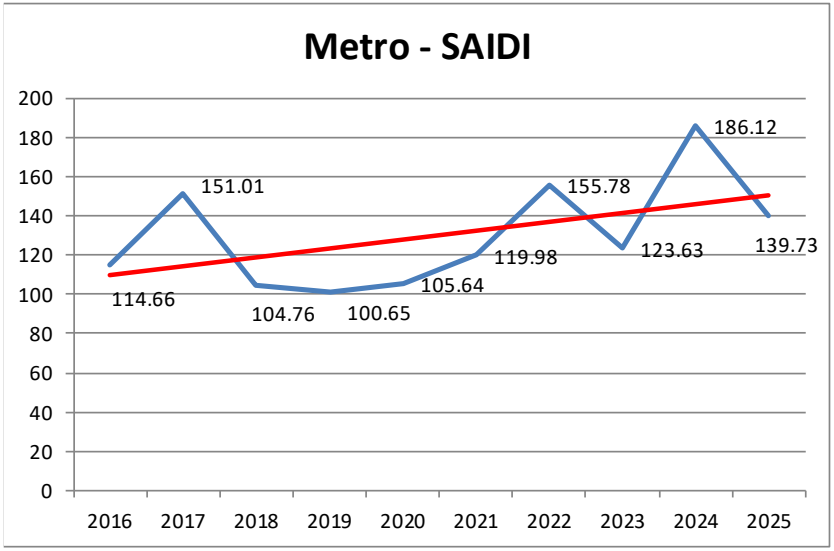


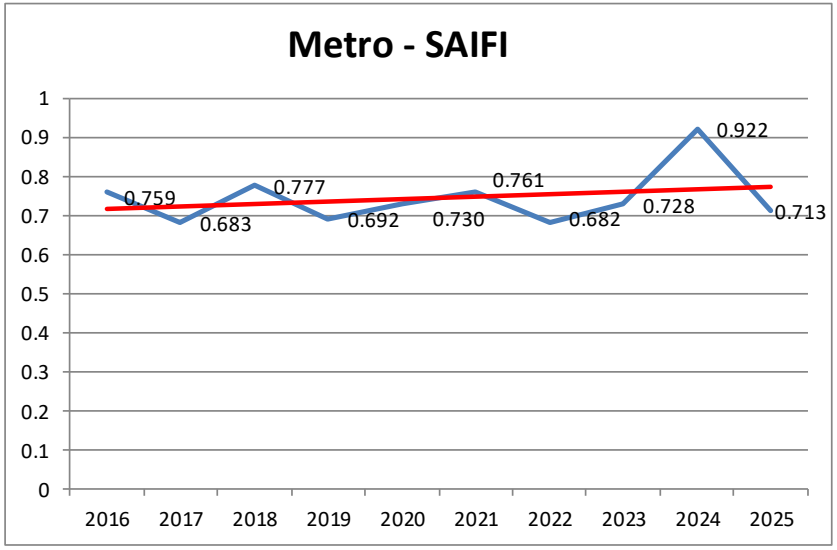


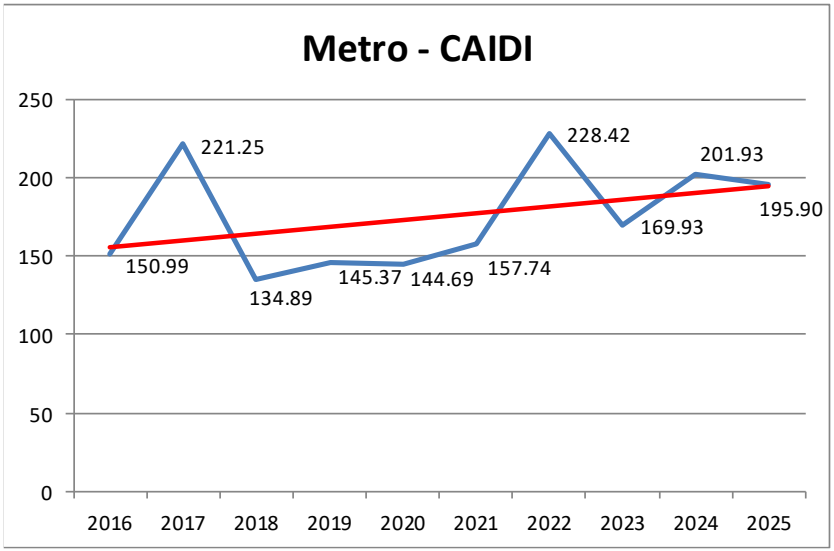


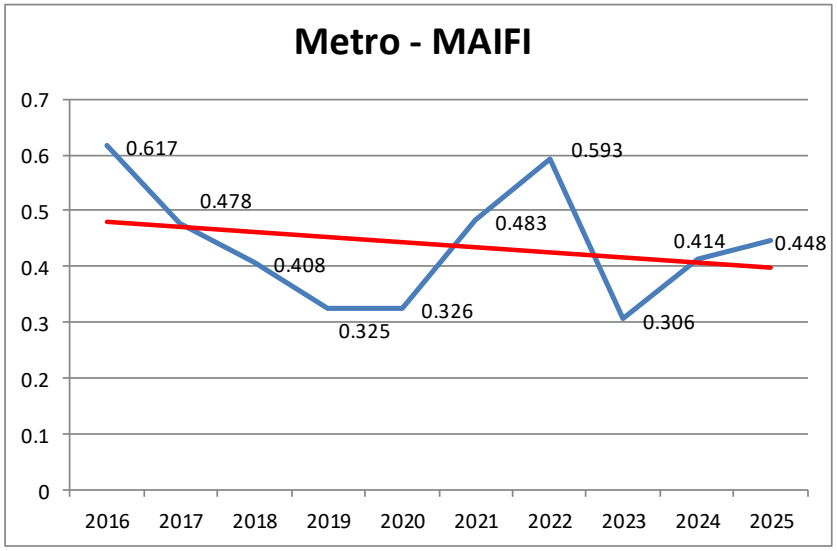


District Indices - Planned and Unplanned (Excludes ISO; Includes MED)

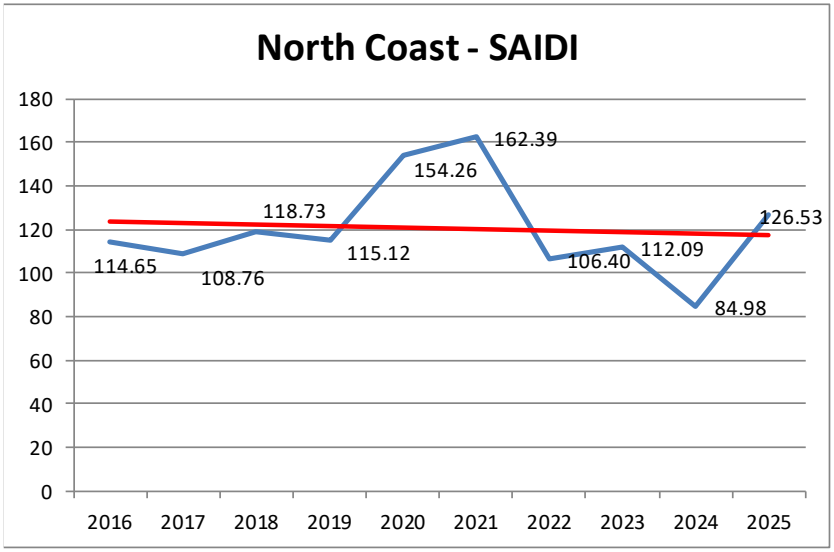


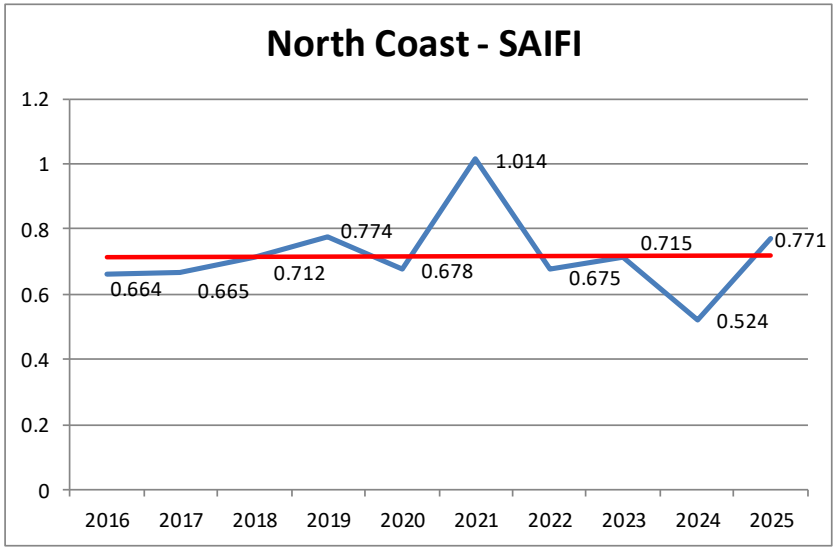


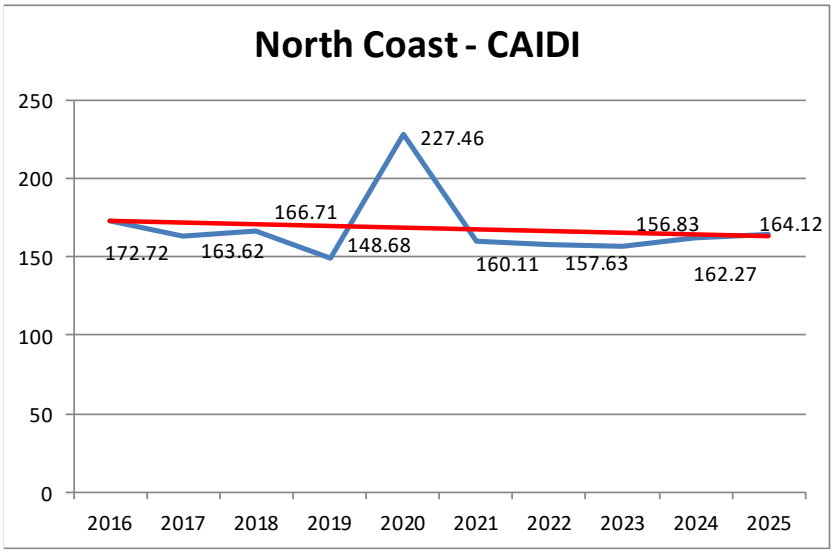


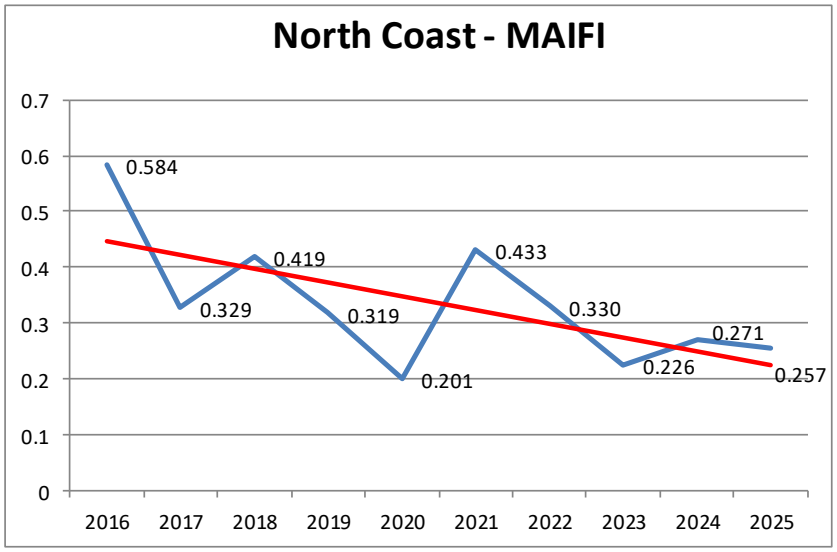


District Indices - Planned and Unplanned (Excludes ISO; Includes MED)

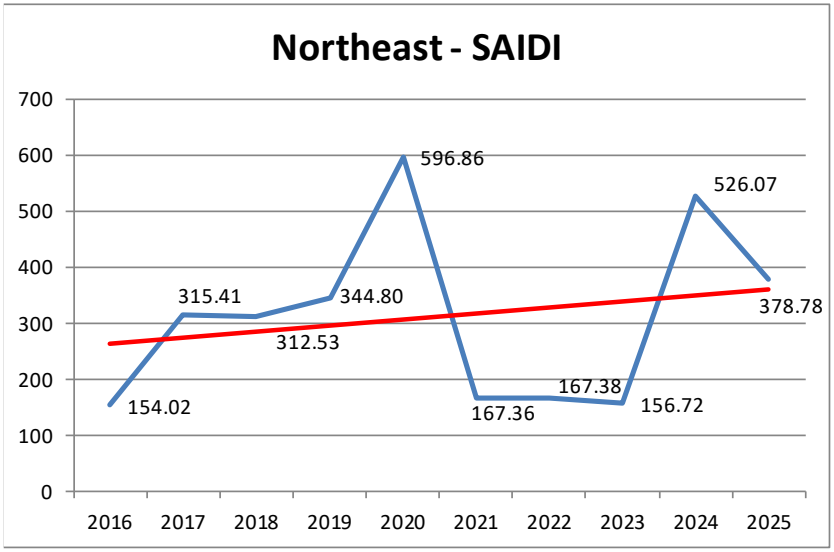


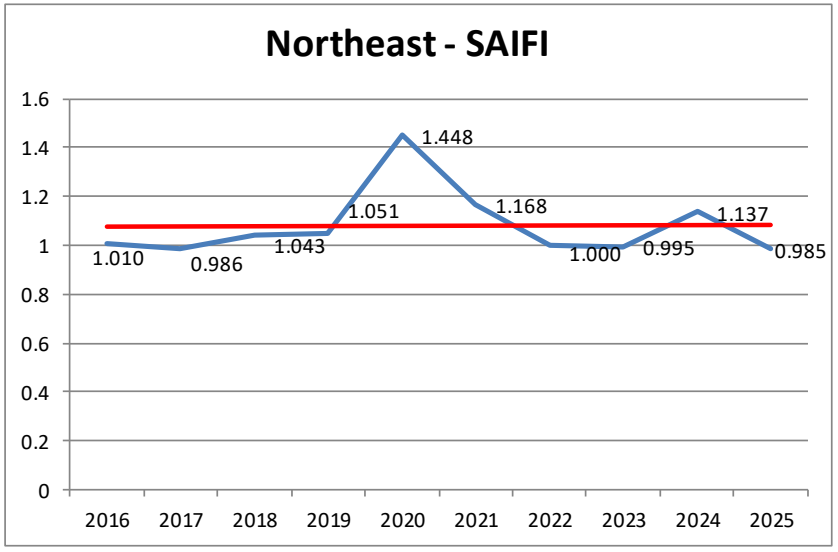


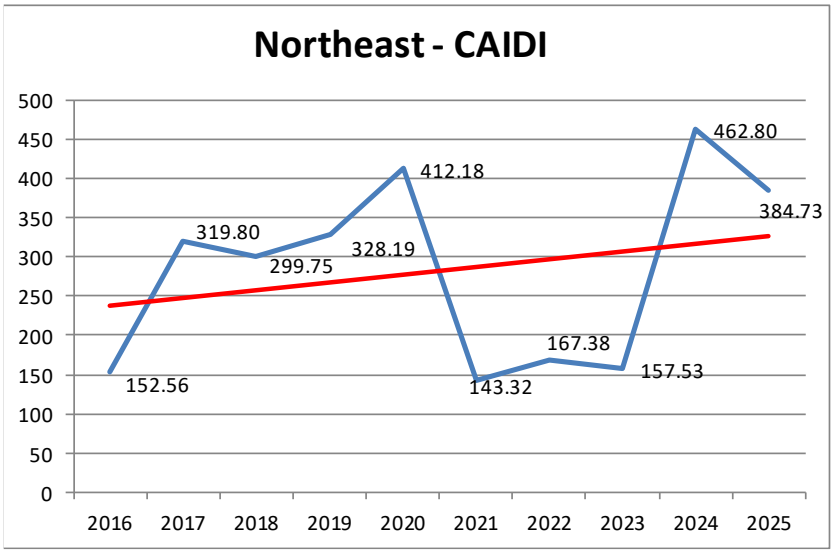


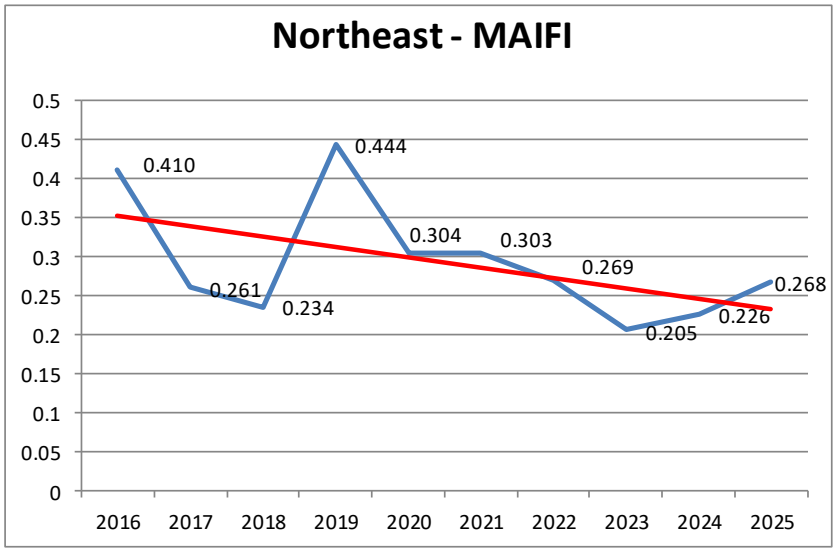


District Indices - Planned and Unplanned (Excludes ISO; Includes MED)

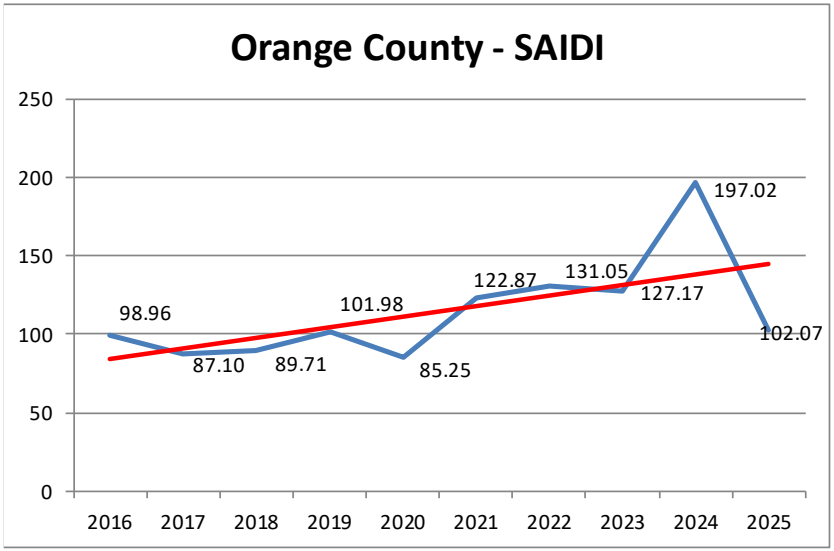


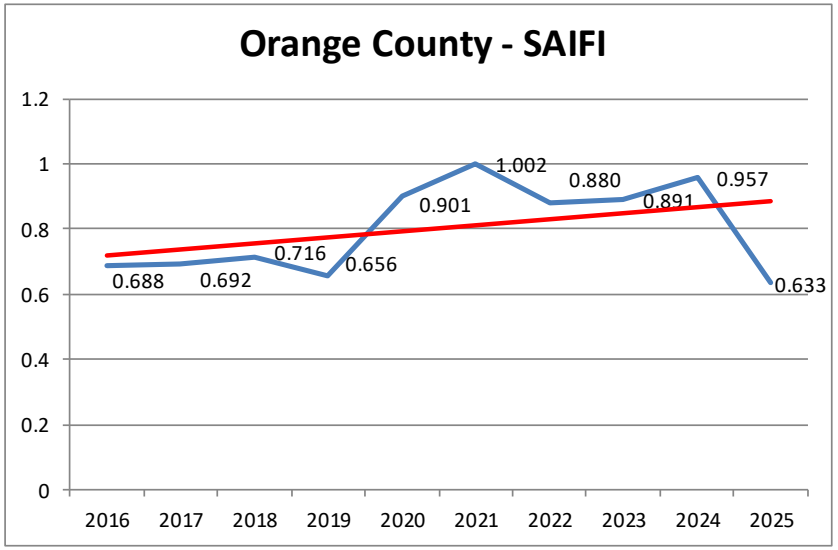


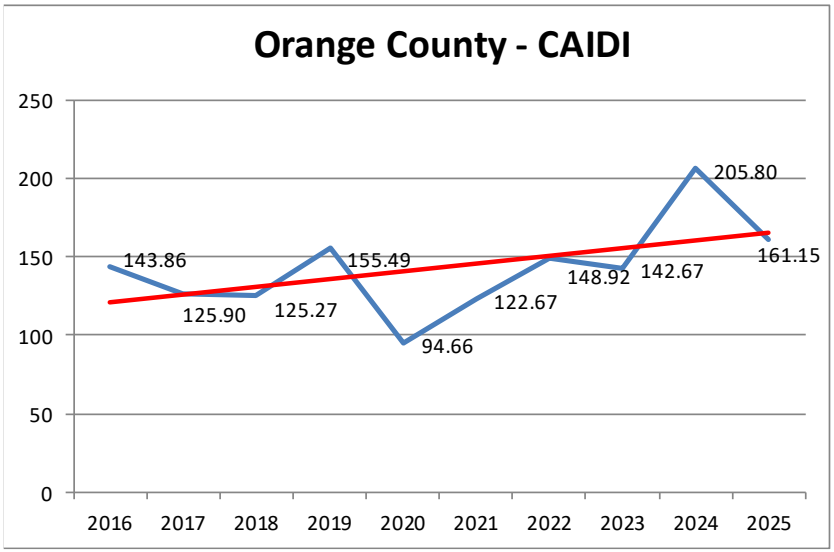


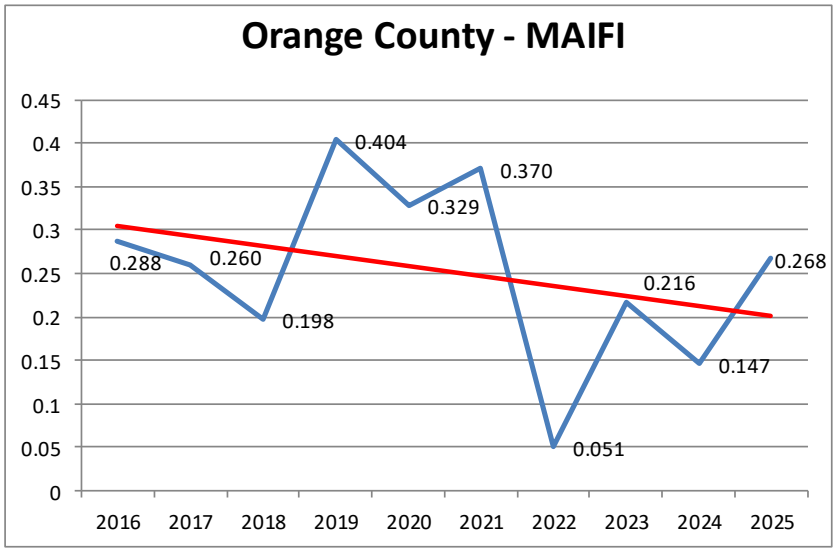


District Indices - Planned and Unplanned (Excludes ISO; Includes MED)

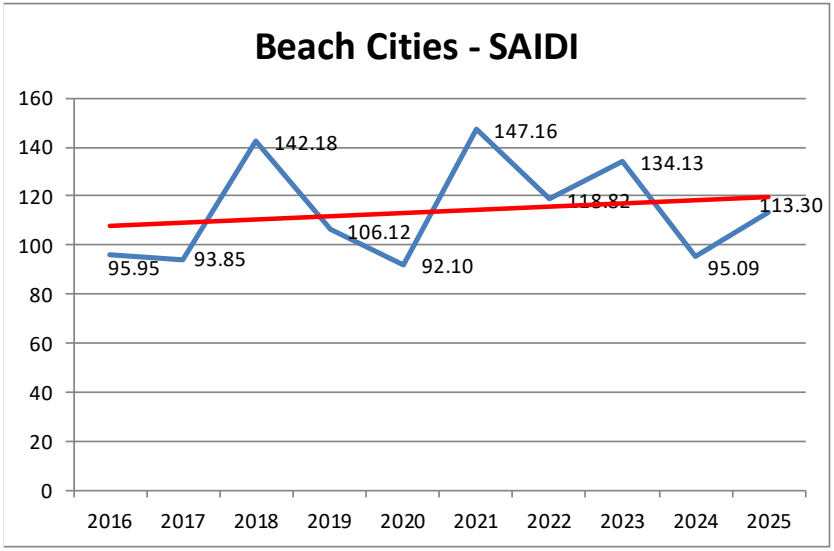


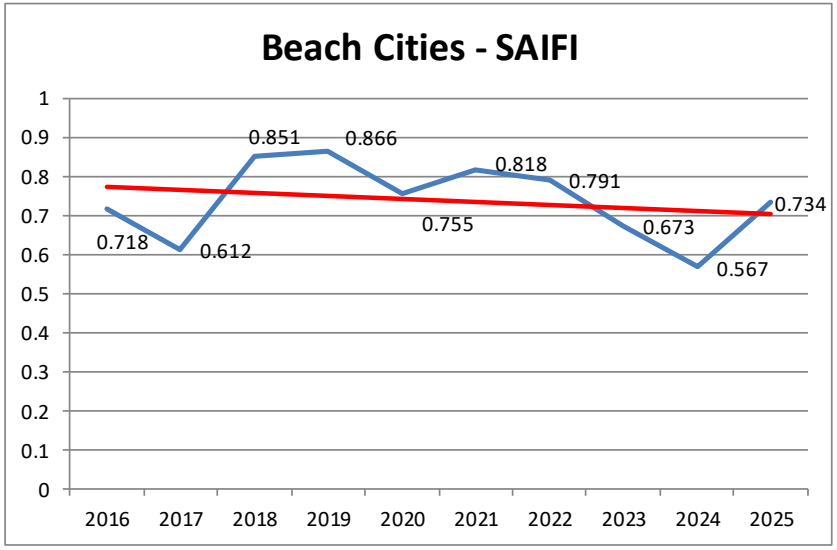


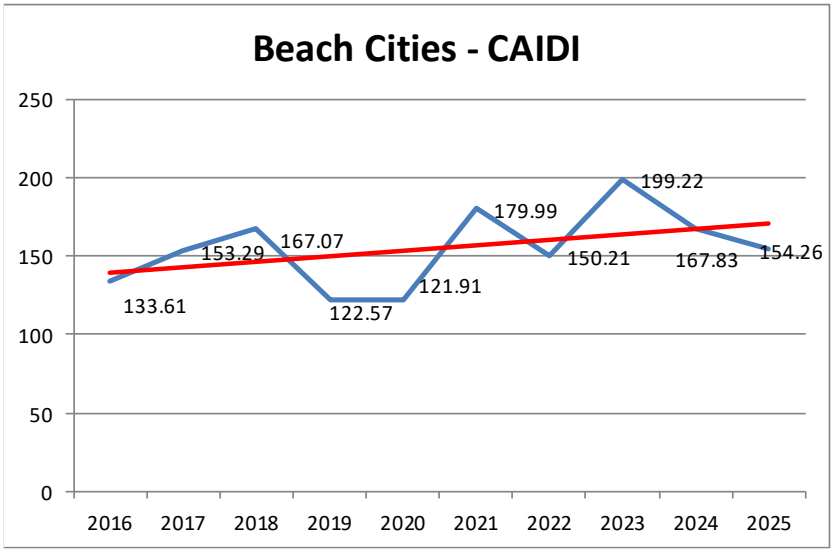


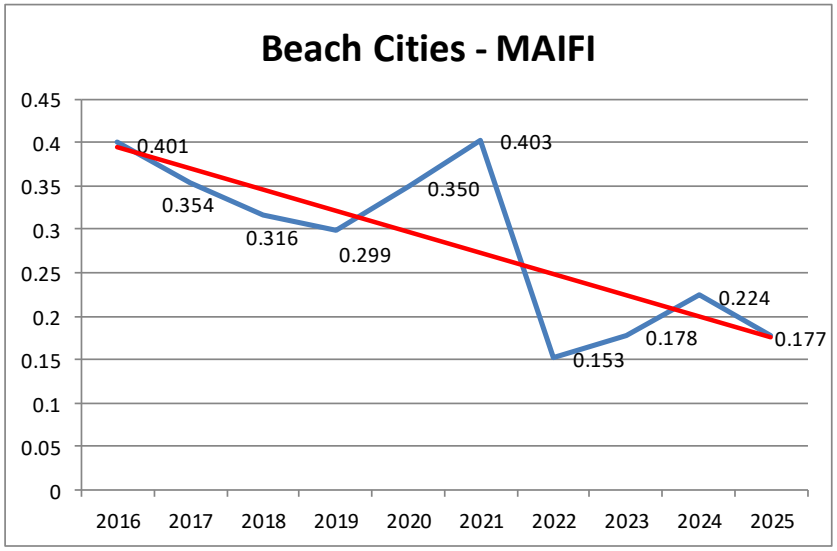


District Indices - Planned and Unplanned (Excludes ISO and MED)

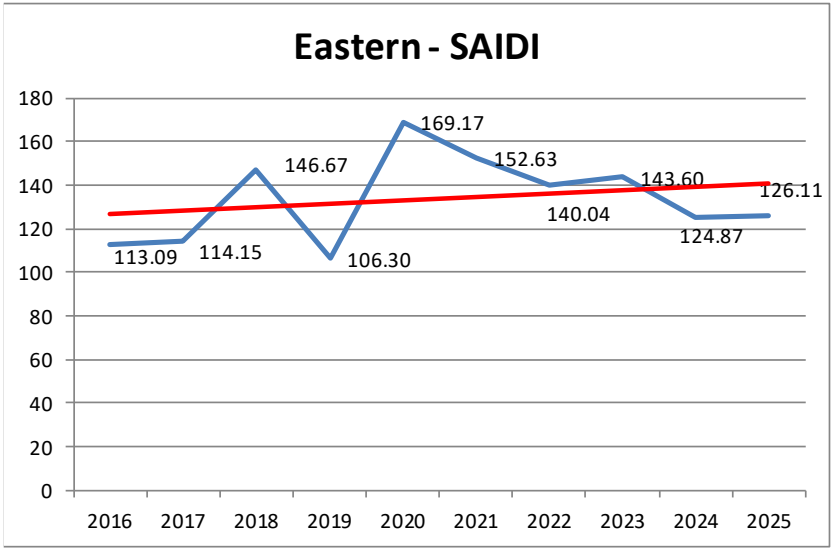


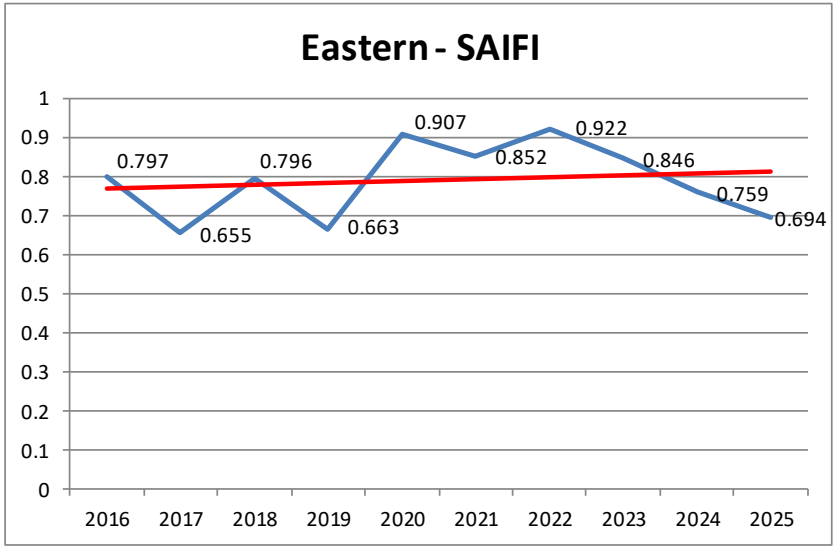


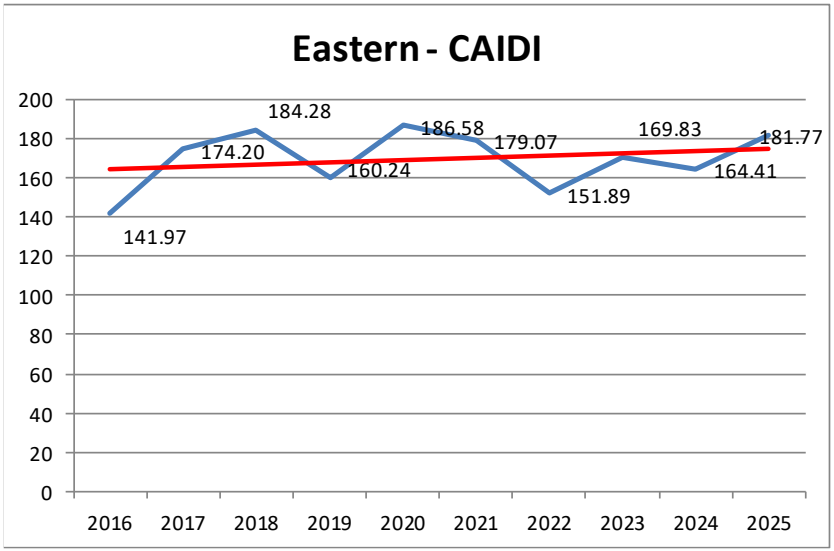


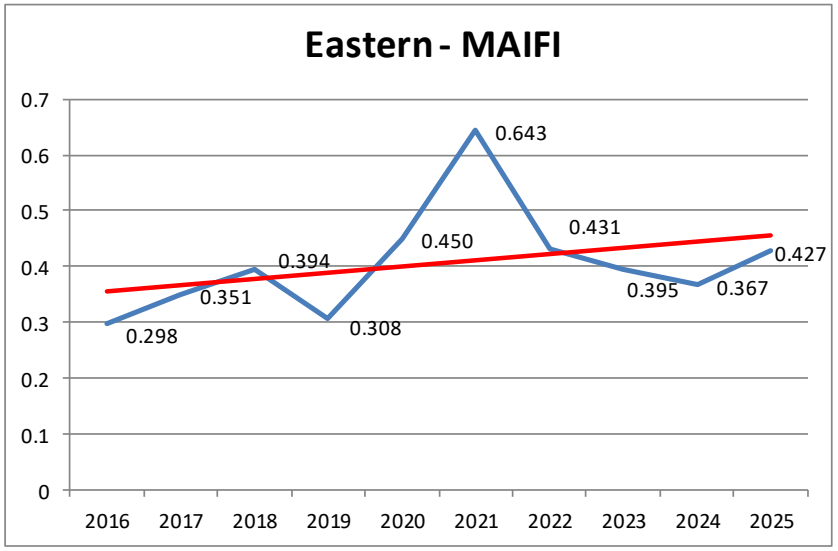


District Indices - Planned and Unplanned (Excludes ISO and MED)

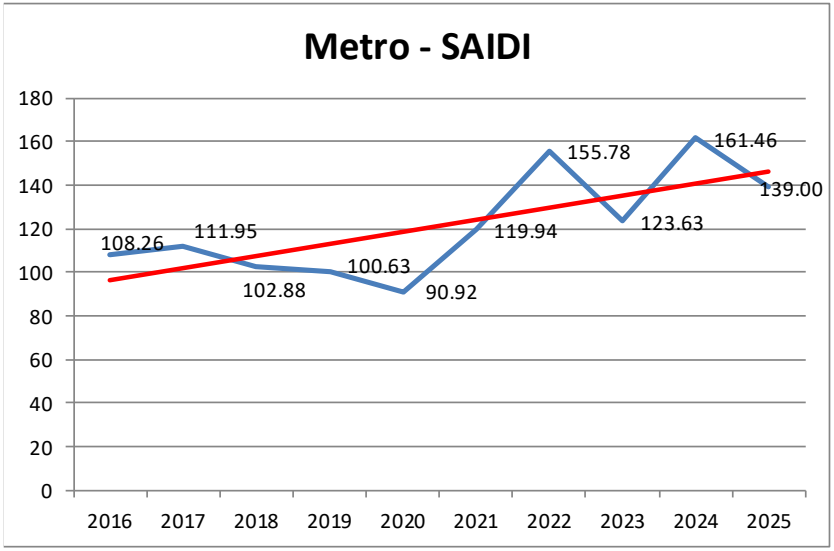


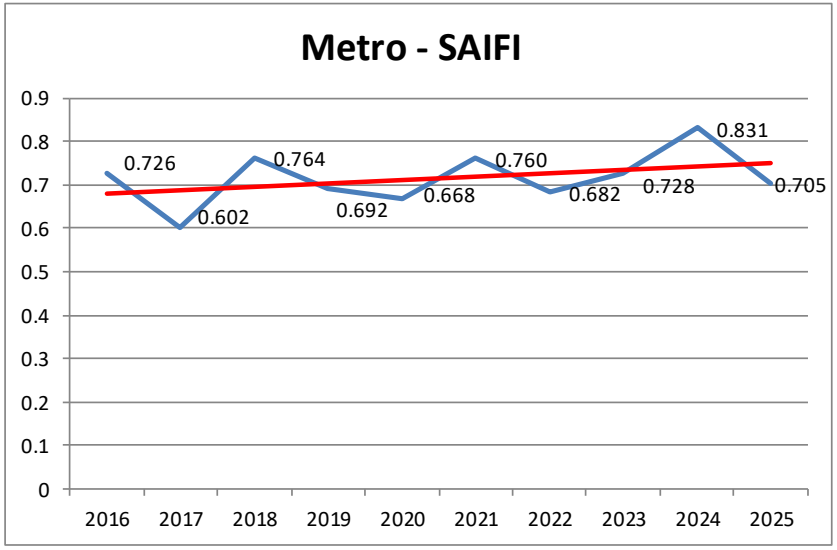


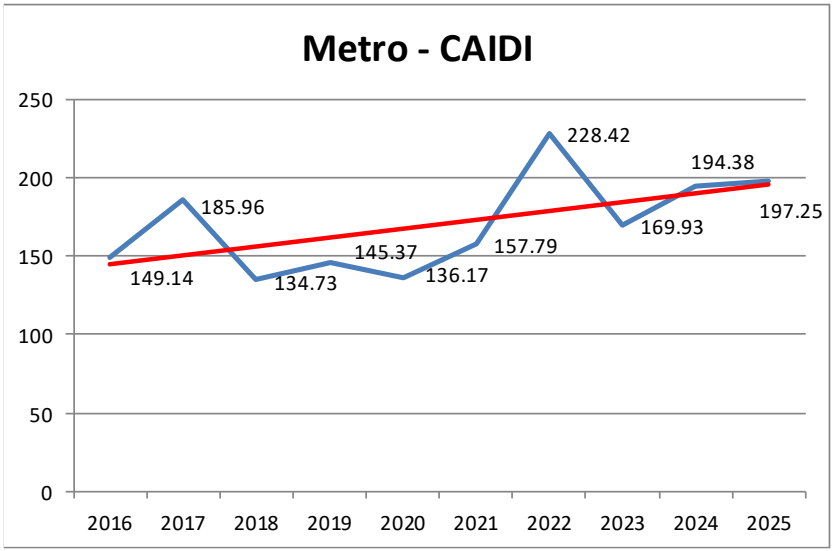


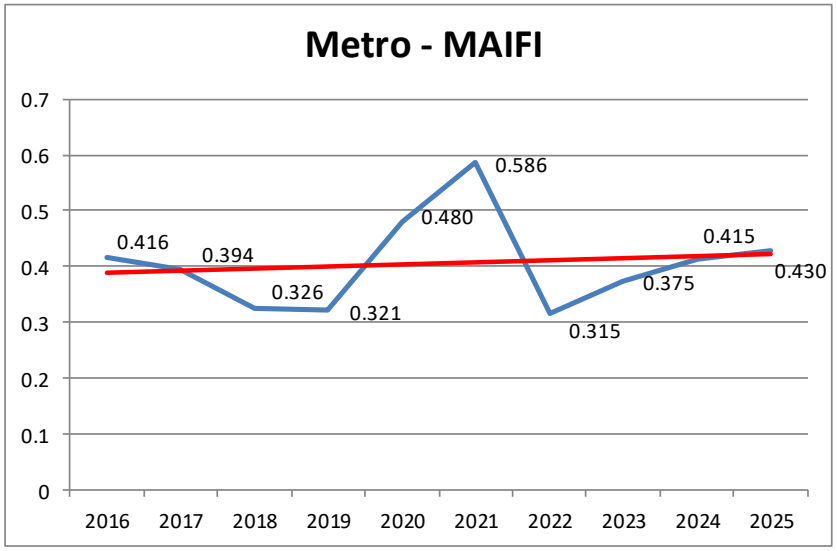


District Indices - Planned and Unplanned (Excludes ISO and MED)

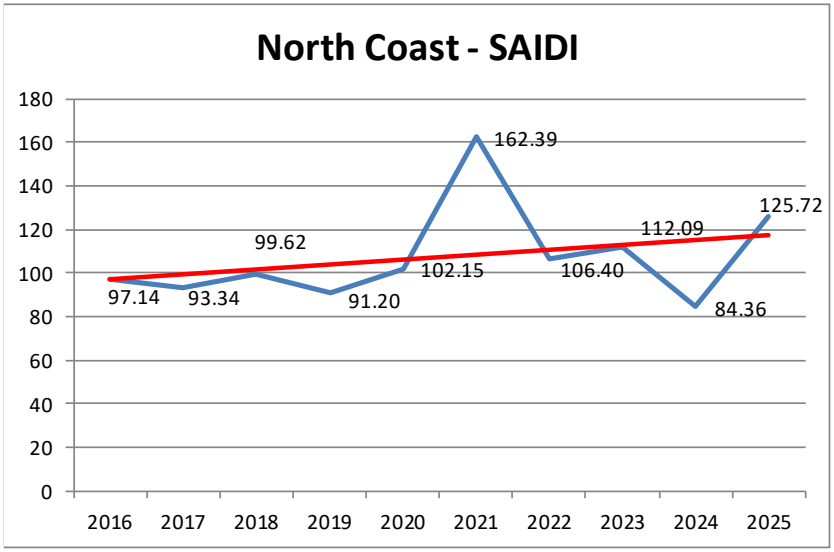


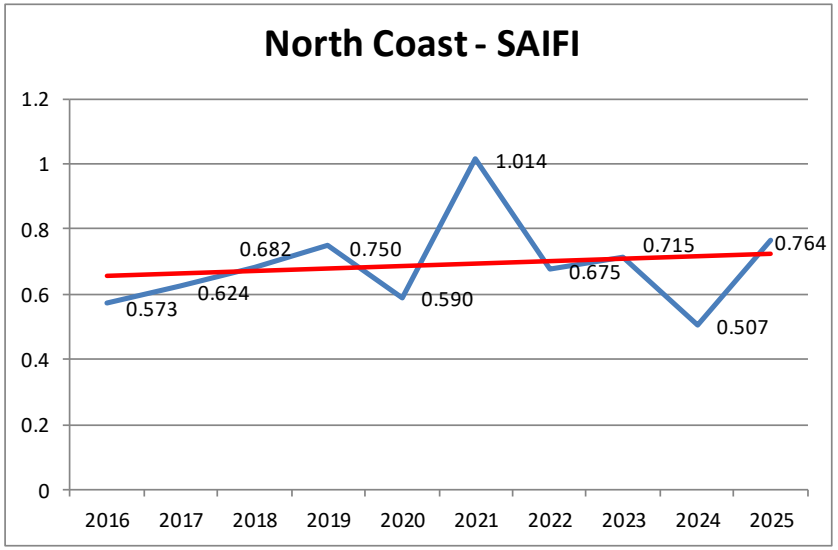


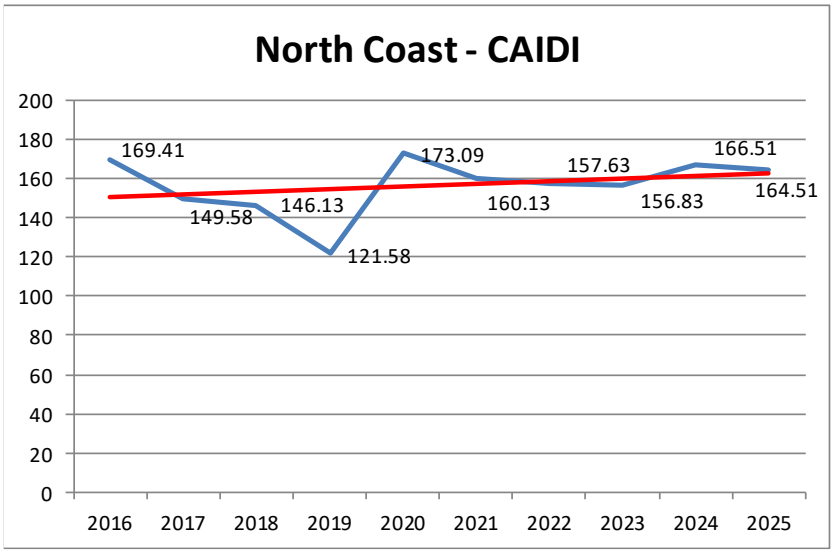


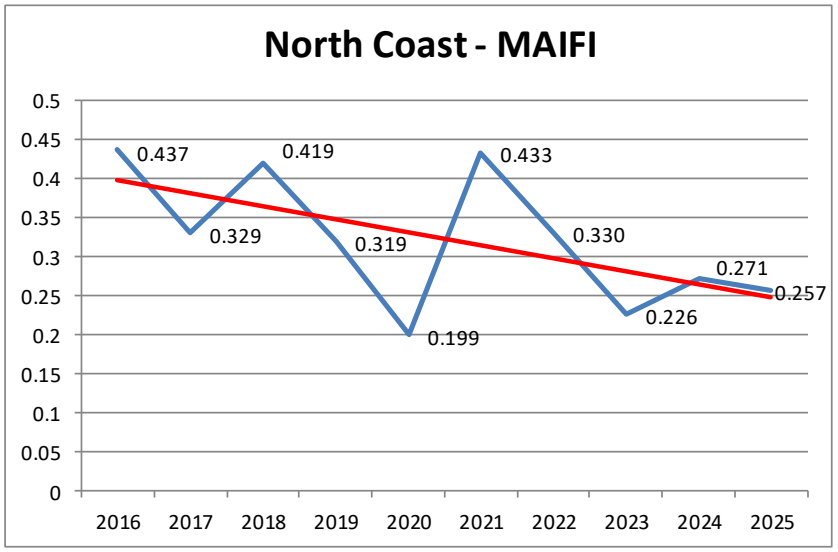


District Indices - Planned and Unplanned (Excludes ISO and MED)

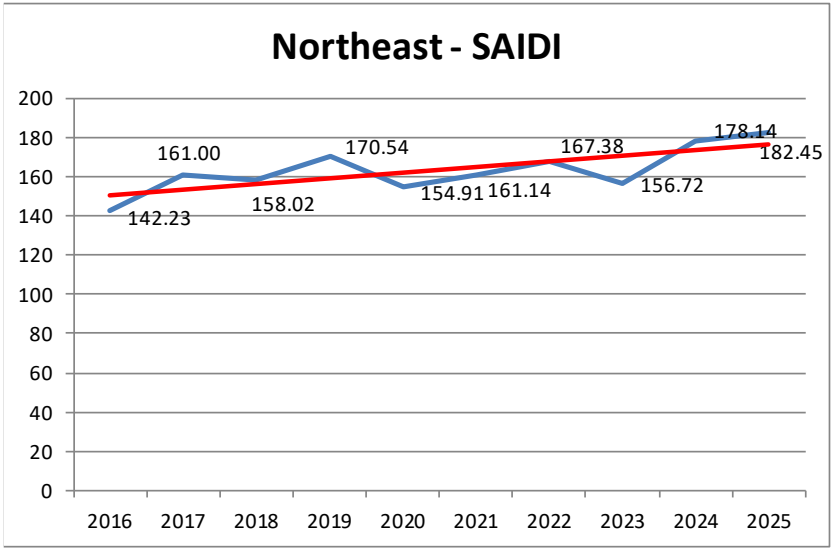


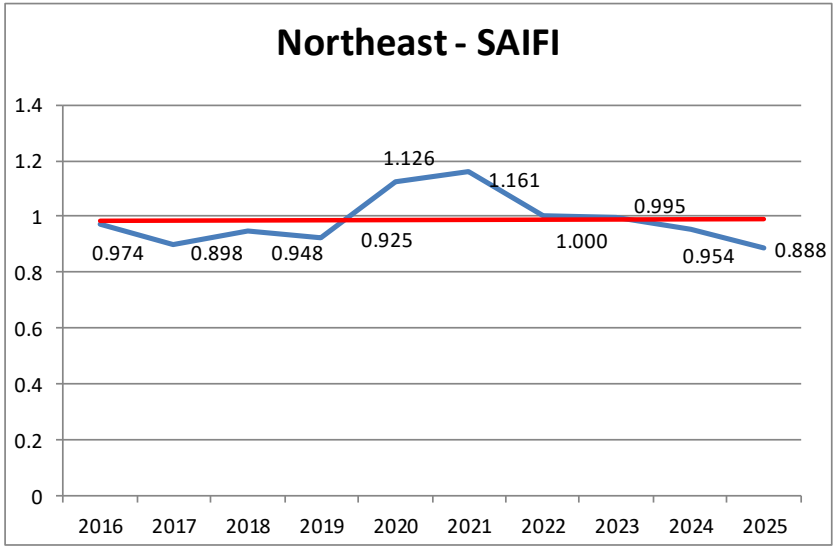


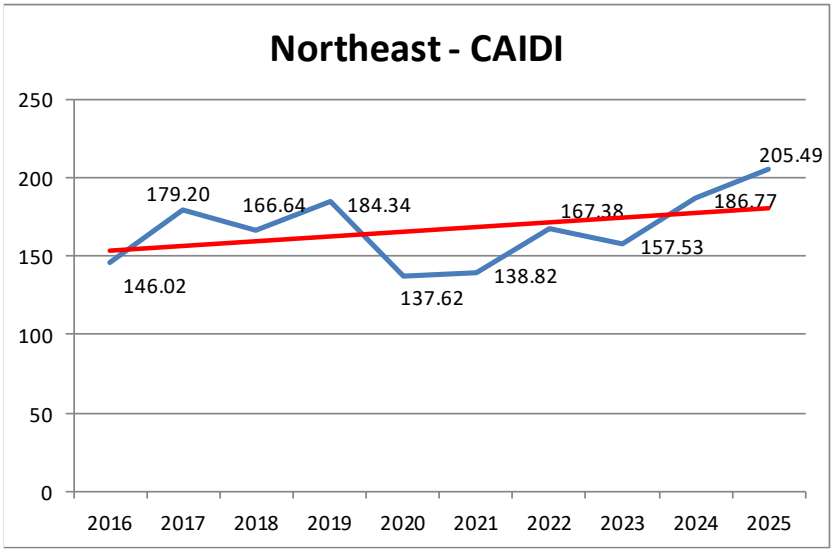


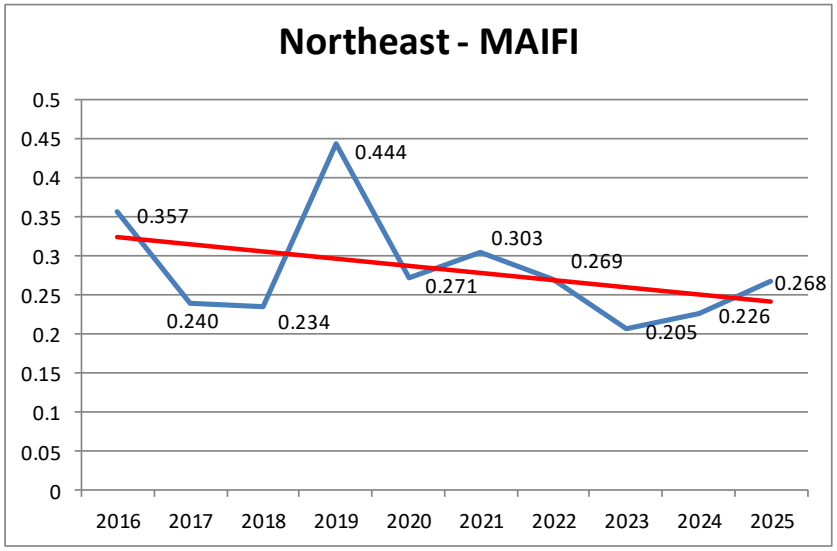


District Indices - Planned and Unplanned (Excludes ISO and MED)

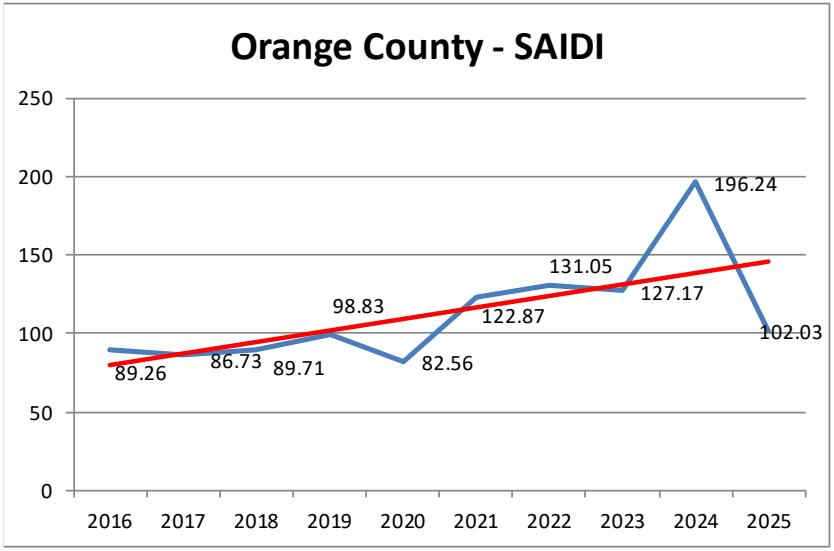


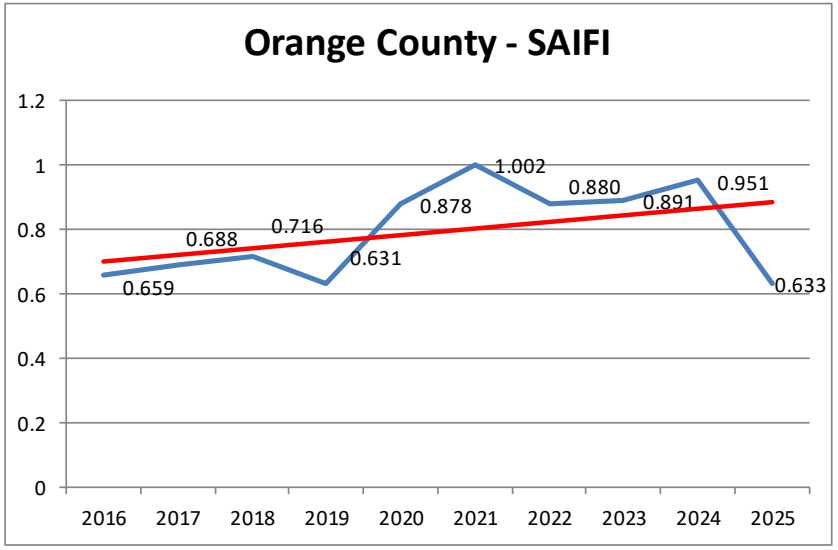


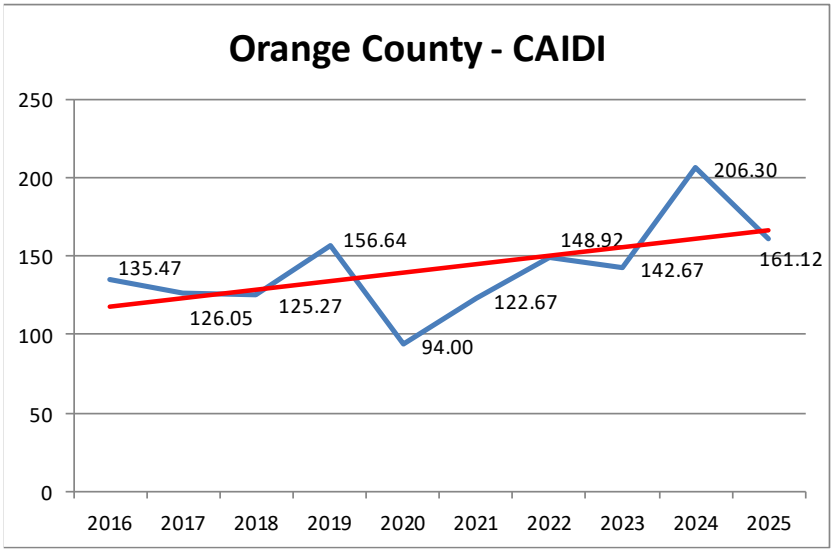


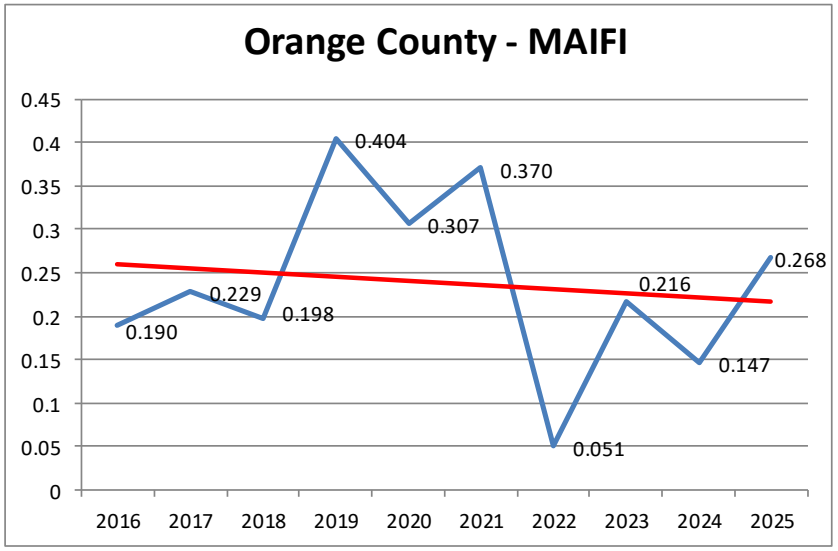


District Indices - Planned and Unplanned (Excludes ISO and MED)









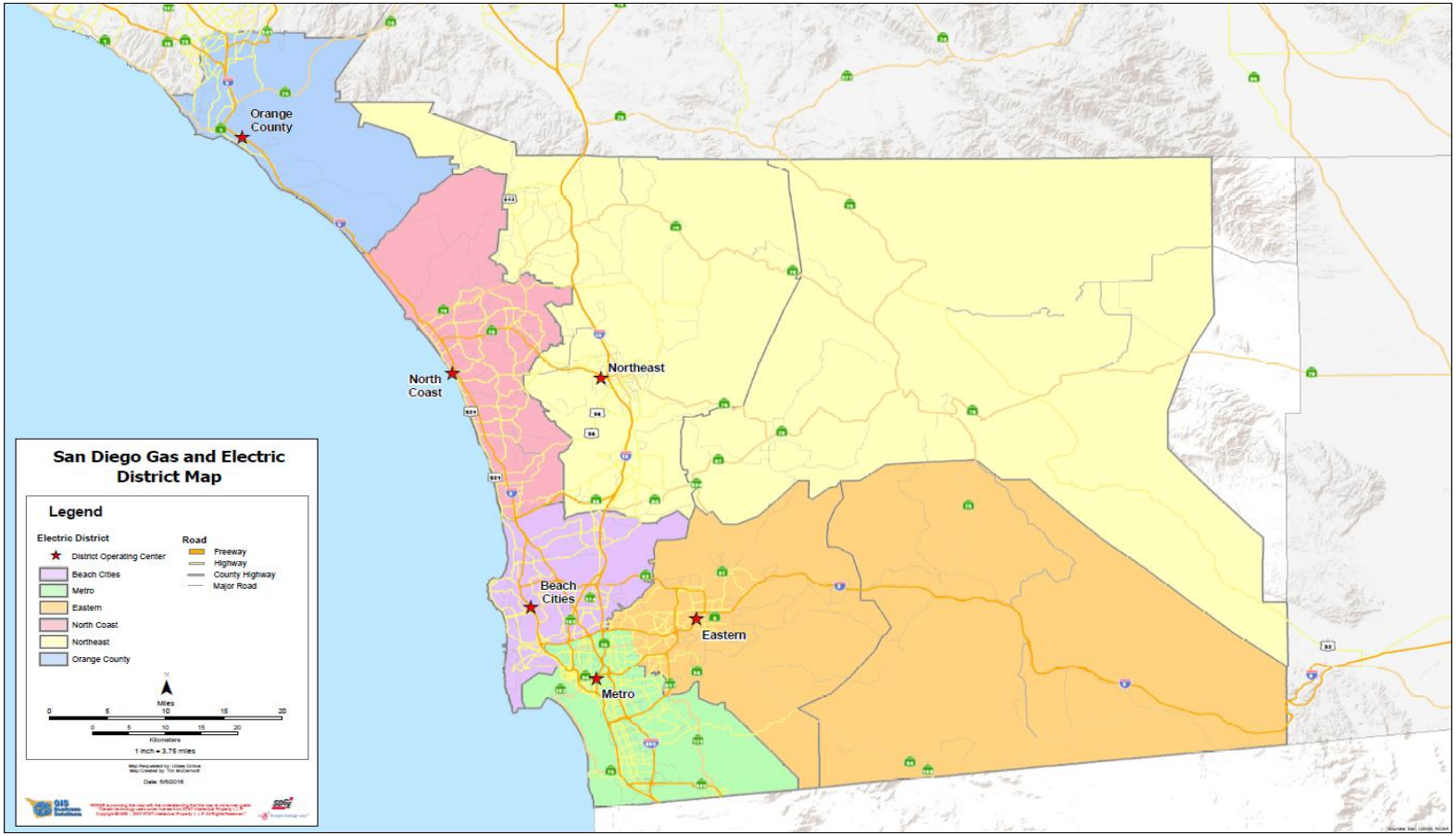
NUMBER, DATE, AND LOCATION OF PLANNED OUTAGES IN EACH DISTRICT (2025)

Planned Outages - 2025						
Month	**Beach Cities**	**Eastern**	**Metro**	**North Coast**	**Northeast**	**Orange County**
January	21	33	40	26	51	11
February	32	82	27	34	128	22
March	36	74	56	61	140	21
April	73	79	55	59	142	18
May	41	66	48	50	132	26
June	40	52	48	58	179	18
July	42	62	35	47	133	14
August	33	71	28	49	154	13
September	31	35	38	38	153	16
October	24	35	23	53	177	13
November	30	33	27	23	106	7
December	32	39	52	29	135	8
Totals	**435**	**661**	**477**	**527**	**1630**	**187**

In 2025, there were 3,917 primary planned outages.

SECTION 4 – SERVICE TERRITORY MAP INCLUDING DIVISIONS OF DISTRICTS

MAP OF SERVICE TERRITORY WITH DIVISIONS OF DISTRICTS



SECTION 5 – TOP 1% OF WORST-PERFORMING CIRCUITS (WPC), EXCLUDING MED

TOP 1% OF WORST-PERFORMING CIRCUITS (2024-2025)

a. Per the Decision, each utility shall include the following information in its annual report for each WPC: 1) Circuit Name; 2) District/Division; 3) Customer Count; 4) Substation name; 5) Circuit-miles; 6) Percentage underground, or "% UG"; 7) Percentage overhead or "% OH"; 8) Number of mainline/feeder/backbone outages resulting in the operation of either a circuit breaker ("CB") or automatic re-closer ("AR"); and, 9) its preferred reliability metric.

As required by the Decision, SDG&E is providing a table of WPCs based on the Circuit SAIDI indices (Table 5.1) and the Circuit SAIFI indices (Table 5.2). Each index is based on a two-year historical period[1].

The Below Metric is Circuit SAIDI

Table 5.1: 2025 Worst SAIDI Circuits List based upon 2024-2025 data (Excludes Planned, MED and Load Curtailment)

Circuit	District	Circuit Customers	Substation Name	Circuit Miles	% OH	% UG	Annualized Feeder Outage Count	Annualized Total Circuit SAIDI **
441	Eastern	118	GLENCLIFF	33.4	69%	31%	3	2549
220	Northeast	341	SANTA YSABEL	64.5	72%	28%	3	1696
1215	Eastern	155	CRESTWOOD	24.2	92%	8%	4	1478
1233	Northeast	295	PALA	26.7	95%	5%	2	1291
445	Eastern	952	BOULEVARD EAST	115.6	76%	24%	3	1206
79	Eastern	902	DESCANSO	80.9	86%	14%	2	1053
350	Northeast	1,602	LILAC	125.0	89%	11%	2	1012
EV1	Metro	201	EL RANCHO VISTA	1.8	95%	5%	2	863
352	Northeast	242	LILAC	12.7	92%	8%	1	838
442	Eastern	1,136	GLENCLIFF	61.5	56%	44%	3	808

* Circuit appeared for three consecutive years in the worst performance list

** Circuit SAIDI represents the two-year average (2024-2025) of all outages: Mainline, Feeder, Backbone, and Branch

[1] As stated in Section 3.2 of D.16-01-008, each utility shall use two or three years of data, at its discretion, to flag a grouping of worst performing circuits.

The Below Metric is Circuit SAIFI.

Table 5.2: 2025 Worst SAIFI Circuits List based upon 2024-2025 data (Excludes Planned, MED, and Load Curtailment

Circuit	District	Circuit Customers	Substation Name	Circuit Miles	% OH	% UG	Annualized Feeder Outage Count	Annualized Total Circuit SAIFI **
NVS1	North County	793	NORTH VISTA	11.39	53%	47%	4	4.7
217	Northeast	1,165	RINCON	87.18	73%	27%	4	3.5
973	Northeast	1,383	CREELMAN	53.56	41%	59%	2	3.2
237	Northeast	1,619	CREELMAN	96.07	79%	21%	3	3.1
MOR1	Northeast	102	MOORE	4.405	67%	33%	2	3.0
463	Metro	3,693	SAN YSIDRO	48.79	24%	76%	2	3.0
445	Eastern	952	BOULEVARD EAST	115.6	76%	24%	3	2.9
QN1	Eastern	132	QUEEN	1.569	100%	0%	2	2.6
441	Eastern	118	GLENCLIFF	33.39	69%	31%	3	2.6
220	Northeast	341	SANTA YSABEL	64.5	72%	28%	3	2.6

* Circuit appeared for three consecutive years in the worst performance list

** Circuit SAIFI represents the two-year average (2024-2025) of all outages: Mainline, Feeder, Backbone, and Branch

b. There were no circuits appearing on either list of “deficient” WPC circuits that also appeared on the previous 2 years’ lists.

SECTION 6 – TOP 10 MAJOR UNPLANNED POWER OUTAGE EVENTS WITHIN A REPORTING YEAR

TOP 10 MAJOR UNPLANNED OUTAGE EVENTS (2025)

The table below captures the top 10 major unplanned outage events for 2025, including the cause and the location of the outage.

Top 10 Major Unplanned Power Outage Events						
Rank	Outage Date	Cause	Location	Customer Impact	SAIDI	SAIFI
1	12/24/2025	Severe Weather / High Winds	BC, CM, EA, NC, NE	29510	2.11	0.019
2	3/28/2025	Crew Error	NC	19041	0.42	0.012
3	1/20/2025	PSPS	EA, NE	14518	35.90	0.009
4	4/7/2025	Tee Connector	BC, CM	13264	0.90	0.009
5	1/23/2025	PSPS	EA, NE	12140	11.13	0.008
6	7/7/2025	Tee Connector	EA	10409	0.70	0.007
7	6/14/2025	Mylar Balloon	NC	8097	0.49	0.005
8	1/9/2025	PSPS	EA, NE	7302	3.84	0.005
9	9/29/2025	OH Conductor	CM	7159	1.61	0.005
10	1/14/2025	PSPS	EA, NE	6337	6.54	0.004

Based upon customer impact.

SECTION 7 – SUMMARY LIST OF MED PER IEEE 1366

2025 SUMMARY LIST OF MED (2025)

The tables below summarize the four MED events occurring in 2025. The information includes the number of customers without service at periodic intervals, the cause and the location of the Major Event.

Table 7-1 2025 Summary List of 1/07/25 MED

Date of Event	Description of Event	Location	Number of Customers Out of Service	Customers Interrupted - Hours Into the Event Day								
				0	1	2	3	4	5	6	7	8
January 07	PSPS Event (Extreme Winds)	EA, NC, NE	7,043	0	0	0	0	0	0	0	0	0
				Customers Interrupted - Hours Into the Event Day (continued)								
				9	10	11	12	13	14	15	16	17
				2	0	0	0	0	0	0	0	253
				Customers Interrupted - Hours Into the Event Day (continued)								
				18	19	20	21	22	23	24	25	26
				0	0	0	0	1208	2732	6788	6788	5634
				Customers Interrupted - Hours Into the Event Day (continued)								
				27	28	29	30	31	32	33	34	35
				5634	5634	5634	5634	5634	5634	5634	5634	5634
				Customers Interrupted - Hours Into the Event Day (continued)								
				36	37	38	39	40	41	42	43	44
				5634	5634	5634	5634	5634	5634	5634	5634	5634
				Customers Interrupted - Hours Into the Event Day (continued)								
				45	46	47	48	49	50	51	52	53
				5634	5634	5634	5634	5634	5634	5634	5634	5634
				Customers Interrupted - Hours Into the Event Day (continued)								
				54	55	56	57	58	59	60	61	62
				5634	5634	5634	4555	2302	2079	1539	1211	1211
				Customers Interrupted - Hours Into the Event Day (continued)								
				63	64							
				172	0							

Customers reflected in the time increments include all customers experiencing sustained outages at that point in time.
The event day begins at midnight.

Table 7-2 2025 Summary List of 1/14/25 MED

Date of Event	Description of Event	Location	Number of Customers Out of Service	Customers Interrupted - Hours Into the Event Day								
				0	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
January 14	PSPS Event (Extreme Winds)	BC, EA, NE, OC	7,609	0	7	445	445	445	450	621	902	1003
				Customers Interrupted - Hours Into the Event Day (continued)								
				9	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**
				1216	2848	2965	2695	2860	5410	5428	5428	5428
				Customers Interrupted - Hours Into the Event Day (continued)								
				18	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**
				5428	5428	5428	5428	5443	5770	5487	5428	5428
				Customers Interrupted - Hours Into the Event Day (continued)								
				27	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**
				5428	5428	5428	5428	5428	5428	4181	2672	2142
				Customers Interrupted - Hours Into the Event Day (continued)								
				36	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**
				2142	2142	2142	1843	1843	1760	1760	1760	1760
				Customers Interrupted - Hours Into the Event Day (continued)								
				45	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**
				1760	1760	1760	1760	1760	1760	1760	1760	1760
				Customers Interrupted - Hours Into the Event Day (continued)								
				54	**55**	**56**	**57**	**58**	**59**			
				1760	1760	1760	1524	223	0			

Customers reflected in the time increments include all customers experiencing sustained outages at that point in time. The event day begins at midnight.

Table 7-3 2025 Summary List of 1/20/25 MED

Date of Event	Description of Event	Location	Number of Customers Out of Service	Customers Interrupted - Hours Into the Event Day								
				0	1	2	3	4	5	6	7	8
January 20	PSPS Event (Extreme Winds)	CM, EA, NE	16,885	0	0	0	0	0	0	0	100	100
				Customers Interrupted - Hours Into the Event Day (continued)								
				9	10	11	12	13	14	15	16	17
				555	555	1031	1030	1030	1183	1083	1083	1083
				Customers Interrupted - Hours Into the Event Day (continued)								
				18	19	20	21	22	23	24	25	26
				1262	2627	6296	8677	13639	13785	13951	13729	13614
				Customers Interrupted - Hours Into the Event Day (continued)								
				27	28	29	30	31	32	33	34	35
				13614	13614	13612	13612	13612	13612	13786	13786	13786
				Customers Interrupted - Hours Into the Event Day (continued)								
				36	37	38	39	40	41	42	43	44
				13786	13786	13786	13786	13786	13706	13706	13706	13706
				Customers Interrupted - Hours Into the Event Day (continued)								
				45	46	47	48	49	50	51	52	53
				13706	13706	13706	13706	13706	13706	13706	13706	13706
				Customers Interrupted - Hours Into the Event Day (continued)								
				54	55	56	57	58	59	60	61	62
				13706	13706	13706	13690	11899	11512	10052	9501	8621
				Customers Interrupted - Hours Into the Event Day (continued)								
				63	64	65	66	67	68	69	70	71
				7841	7841	7841	7841	7841	7841	7841	7841	7841
				Customers Interrupted - Hours Into the Event Day (continued)								
				72	73	74	75	76	77	78	79	80
				7841	7841	7841	7841	7841	7841	7841	7841	7841
				Customers Interrupted - Hours Into the Event Day (continued)								
				81	82	83	84	85	86	87	88	89
				7841	7841	7841	7841	7841	7841	7841	7841	7841
				Customers Interrupted - Hours Into the Event Day (continued)								
				90	91	92	93	94	95	96	97	98
				7841	7841	7841	7841	7841	7841	7841	7841	7841
				Customers Interrupted - Hours Into the Event Day (continued)								
				99	100	101	102	103	104	105	106	107
				7841	7841	7841	7841	7841	7841	7841	7204	4733
				Customers Interrupted - Hours Into the Event Day (continued)								
				108	109	110	111	112	113	114	115	116
				3172	417	2	2	2	3	3	2	0

Customers reflected in the time increments include all customers experiencing sustained outages at that point in time. The event day begins at midnight.

Table 7-4 2025 Summary List of 1/23/25 MED

Date of Event	Description of Event	Location	Number of Customers Out of Service	Customers Interrupted - Hours Into the Event Day								
				0	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
January 23	PSPS Event (Extreme Winds)	EA, NC, NE, OC	12,967	0	0	0	0	0	450	868	2218	4045
				Customers Interrupted - Hours Into the Event Day (continued)								
				9	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**
				4694	6114	7475	7516	11152	11465	11465	11465	11465
				Customers Interrupted - Hours Into the Event Day (continued)								
				18	**19**	**20**	**21**	**22**	**23**	**24**	**25**	**26**
				11473	11687	11974	12004	12004	11996	11996	11996	11996
				Customers Interrupted - Hours Into the Event Day (continued)								
				27	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**
				11996	11996	11996	11996	11996	11996	11777	6132	4892
				Customers Interrupted - Hours Into the Event Day (continued)								
				36	**37**	**38**	**39**	**40**	**41**	**42**		
				3544	2185	1670	487	2	2	0		

Customers reflected in the time increments include all customers experiencing sustained outages at that point in time. The event day begins at midnight.

SECTION 8 – HISTORICAL TEN LARGEST UNPLANNED OUTAGES EVENTS FOR THE PAST TEN YEARS

HISTORICAL LARGEST UNPLANNED OUTAGE EVENTS (2016-2025)

The tables below capture the ten largest unplanned outage events for each of the years from 2016 – 2025 based upon SAIDI values.

2025

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	1/20/2025	35.90	0.009	PSPS
2	1/23/2025	11.13	0.008	PSPS
3	1/7/2025	7.92	0.004	PSPS
4	1/14/2025	6.54	0.004	PSPS
5	1/9/2025	3.84	0.005	PSPS
6	1/21/2025	2.51	0.002	PSPS
7	12/24/2025	2.11	0.019	Severe Weather
8	1/8/2025	2.03	0.001	Transformer Failure/Contact
9	1/8/2025	1.70	0.001	PSPS
10	9/29/2025	1.61	0.005	Conductor Failure/Contact

2024

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	12/9/2024	64.51	0.027	Severe Weather / High Winds
2	12/10/2024	13.58	0.008	Severe Weather / High Winds
3	1/22/2024	5.22	0.017	Severe Weather / Rain Storm
4	9/8/2024	3.26	0.024	Severe Heat
5	10/13/2024	2.91	0.014	Vehicle Contact
6	2/8/2024	2.44	0.008	Tee Connector
7	9/5/2024	1.42	0.012	Severe Heat
8	3/10/2024	1.36	0.002	Tee Connector
9	11/6/2024	1.20	0.001	Severe Weather / High Winds
10	1/11/2024	1.12	0.002	Pole

2023

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	2/21/2023	3.23	0.009	Severe Weather
2	1/16/2023	3.03	0.018	Severe Weather
3	8/20/2023	2.28	0.024	Severe Weather
4	1/7/2023	1.44	0.007	Vehicle Contact
5	4/30/2023	1.22	0.002	UG Cable Failure
6	12/16/2023	1.04	0.002	Tee Connector
7	2/22/2023	1.04	0.006	Severe Weather
8	12/12/2023	0.90	0.002	Vehicle Contact
9	3/1/2023	0.84	0.005	Severe Weather
10	1/15/2023	0.80	0.001	Tee Connector

2022

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	9/3/2022	1.95	0.009	Severe Weather / Heat
2	4/12/2022	1.44	0.003	Tee Connector
3	8/27/2022	0.90	0.003	Tee Connector
4	8/23/2022	0.83	0.004	Vehicle Contact
5	10/9/2022	0.79	0.004	UG Cable Failure
6	11/3/2022	0.79	0.012	Tee Connector
7	5/21/2022	0.78	0.004	UG Cable Failure
8	2/4/2022	0.78	0.003	UG Cable Failure
9	12/25/2022	0.77	0.022	Fire
10	11/17/2022	0.75	0.002	Tee Connector

2021

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	11/24/2021	5.96	0.004	High Winds / RFW
2	10/4/2021	2.29	0.018	Severe Weather / Lightning
3	12/13/2021	2.18	0.022	Cap Bank Bus Disconnect
4	12/14/2021	2.11	0.017	Severe Weather / High Winds
5	1/19/2021	1.56	0.003	Severe Weather / High Winds
6	1/25/2021	1.21	0.011	Severe Weather / High Winds
7	12/14/2021	1.04	0.004	Fuse Cutout
8	8/12/2021	0.86	0.004	Tee Connector
9	8/31/2021	0.85	0.009	Severe Weather / Lightning
10	2/10/2021	0.77	0.002	Tee Connector

2020

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	12/2/2020	81.94	0.047	High Winds / RFW spanning multiple days
2	12/7/2020	16.05	0.010	High Winds / RFW spanning multiple days
3	9/5/2020	13.35	0.006	Valley Fire
4	12/23/2020	2.89	0.004	High Winds / RFW spanning multiple days
5	12/2/2020	1.97	0.006	Vehicle Contact
6	8/14/2020	1.77	0.051	ISO Load Curtailment
7	5/26/2020	1.36	0.020	Foreign Object
8	10/22/2020	1.33	0.016	Load Imbalance
9	10/26/2020	1.23	0.003	High Winds / RFW spanning multiple days
10	2/25/2020	1.06	0.001	Severe Weather / Lightning

2019

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	10/20/2019	47.09	0.028	High Winds / RFW spanning multiple days
2	10/25/2019	4.92	0.004	High Winds / RFW
3	11/12/2019	3.45	0.018	Substation - Bird Contact
4	10/22/2019	1.44	0.001	Undetermined Cause
5	10/25/2019	1.21	0.002	Pothead Failure
6	2/14/2019	1.20	0.013	Rain Storm
7	8/9/2019	0.90	0.003	Vehicle Contact
8	3/2/2019	0.78	0.004	Mylar Balloon Contact
9	10/24/2019	0.72	0.001	Vegetation Contact
10	11/25/2019	0.70	0.001	UG Cable Contact / Dig in

2018

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	11/11/2018	43.98	0.024	High Winds / RFW spanning multiple days
2	1/28/2018	3.87	0.003	High Wind Event
3	1/31/2018	2.55	0.020	Substation - Bushings
4	7/6/2018	1.66	0.002	Brush Fire
5	11/12/2018	1.37	0.001	Substation - Undetermined Cause
6	12/6/2018	1.27	0.008	Faulted Recloser
7	10/12/2018	1.23	0.014	Lightning Storm
8	7/7/2018	1.12	0.003	Vehicle Contact
9	2/25/2018	1.06	0.004	Tee Failure
10	9/13/2018	0.96	0.004	Switch Failure

2017

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	12/7/2017	18.32	0.023	High Wind Event
2	1/20/2017	11.48	0.030	Rain Storm Event
3	12/7/2017	9.65	0.003	Lilac FIRE
4	12/9/2017	6.82	0.004	High Wind Event
5	12/6/2017	4.86	0.002	High Wind Event
6	12/5/2017	4.77	0.010	High Wind Event (over multiple days)
7	7/25/2017	1.93	0.031	STATION F outage - squirrel
8	2/27/2017	1.12	0.003	Rain Storm Event
9	1/20/2017	1.07	0.001	C941 - Deenergized for safety/transformer
10	2/17/2017	1.07	0.009	Rain Storm Event

2016

Historical 10 Largest Unplanned Outage Events				
Rank	**Date**	**SAIDI**	**SAIFI**	**Description**
1	1/31/2016	13.35	0.061	1/31-2/1 El Niño Storm
2	7/21/2016	1.15	0.012	Station F – Mylar Balloon on Circuit 366
3	1/31/2016	0.99	0.003	Circuit 486 – Tree in primary
4	8/9/2016	0.93	0.002	Genesee Sub–Circuits 268 & 65
5	7/26/2016	0.88	0.002	Circuit 582 – Wire Down, faulted cable, blown switch
6	6/19/2016	0.87	0.001	Border Fire – Circuits 448 & 157
7	8/23/2016	0.84	0.003	Transmission Lines 6926 & 681 – car contact
8	11/12/2016	0.83	0.001	Circuit 198 – Pendleton Aircraft Contact
9	1/5/2016	0.80	0.011	El Niño Storm – 1/5-1/7
10	6/26/2016	0.77	0.001	Circuit RD2 - Vehicle contact w/ Trayer switch

SECTION 9 – NUMBER OF CUSTOMER INQUIRIES ON RELIABILITY DATA AND THE NUMBER OF DAYS PER RESPONSE

CUSTOMER INQUIRIES ON RELIABILITY DATA (2025)

SDG&E received 1,522 customer inquiries for reliability data in 2025.

The average response time was one business day.