

T&D Quality Programs

Distribution Performance Meeting
July 2021



Program Performance – BI Dashboard thru June 2021

Quality Control Programs	Month to Date (MTD)				Year to Date (YTD)			
	Program	Total Inspected (MTD)	P1 & P2 Pass (MTD)	P1 & P2 Conformance Rate (MTD)	3 Month Rolling Average	Total Inspected (YTD)	P1 & P2 Pass (YTD)	P1 & P2 Conformance Rate (YTD)
Distribution Construction	798	652	82%	↑	81%	4,662	3,668	79%
Transmission Construction	68	63	93%	↓	94%	681	650	95%
Aerial Distribution	0	0		→				
ODI	476	464	97%	↑	96%	4,360	4,158	95%
Planning	286	209	73%	↑	68%	1,198	869	73%
Intrusive	53	51	96%	↓	99%	482	475	99%
Generation Inspections	0	0		→				
TIMP	176	174	99%	↑	98%	697	687	99%
UDI	75	69	92%	↑	92%	75	69	92%

14,021

2021 Completed QC Inspections

12,995

2021 Remaining QC Inspections

Distribution Construction – YTD 2021 Results Through June

4,662

Total Inspections

3,668

Pass Total

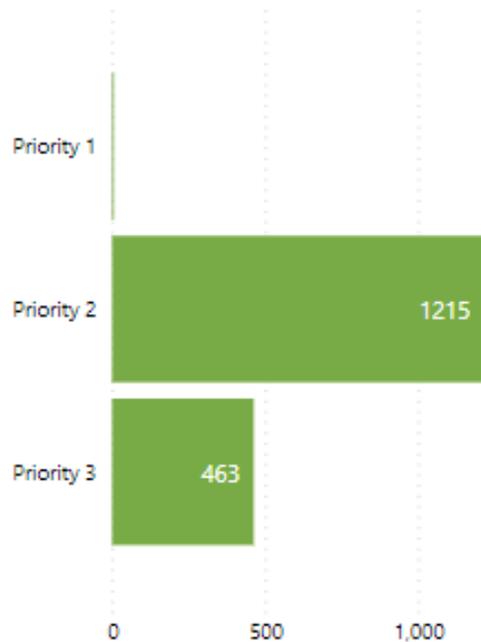
994

Potential Non-Conformances

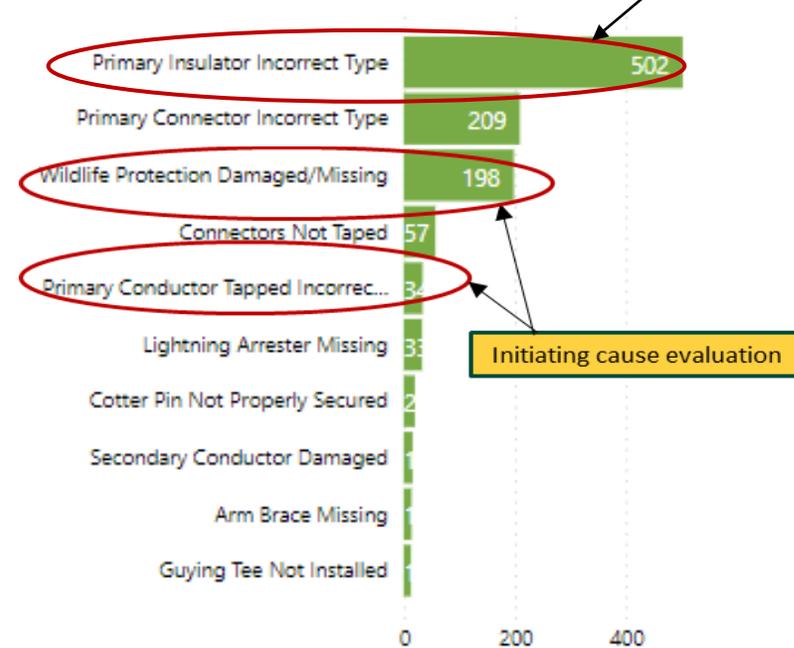
79%

P1 & P2 Total CR%

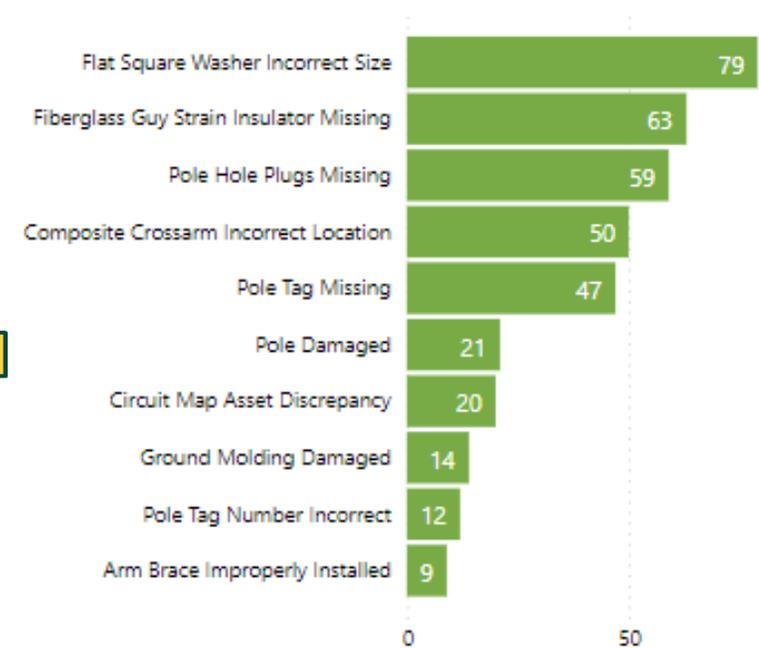
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

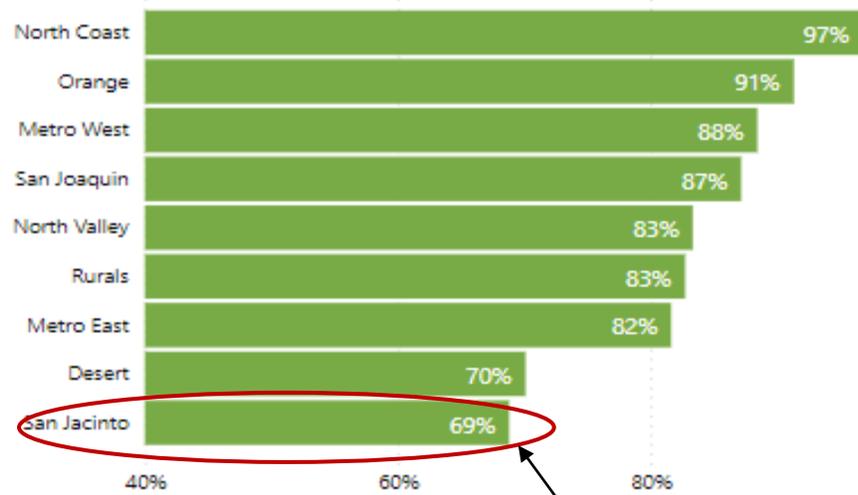


Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	4,662	994	79%	97.0%	5	0	1,215	1,220	725	348	398	463
Total	4,662	994	79%	97.0%	5	0	1,215	1,220	725	348	398	463

QC Results thru June 2021 (Dist. Construction)

Total	4,662 Total Inspections	3,668 Pass Total	994 Potential Non-Conformances	79% P1 & P2 Total CR%	+4% from YTD March
SCE	800 Total Inspections	717 Pass Total	83 Potential Non-Conformances	90% P1 & P2 Total CR%	-1% from YTD March
Contractor	3,862 Total Inspections	2,951 Pass Total	911 Potential Non-Conformances	76% P1 & P2 Total CR%	

Conformance Rate by Region | District



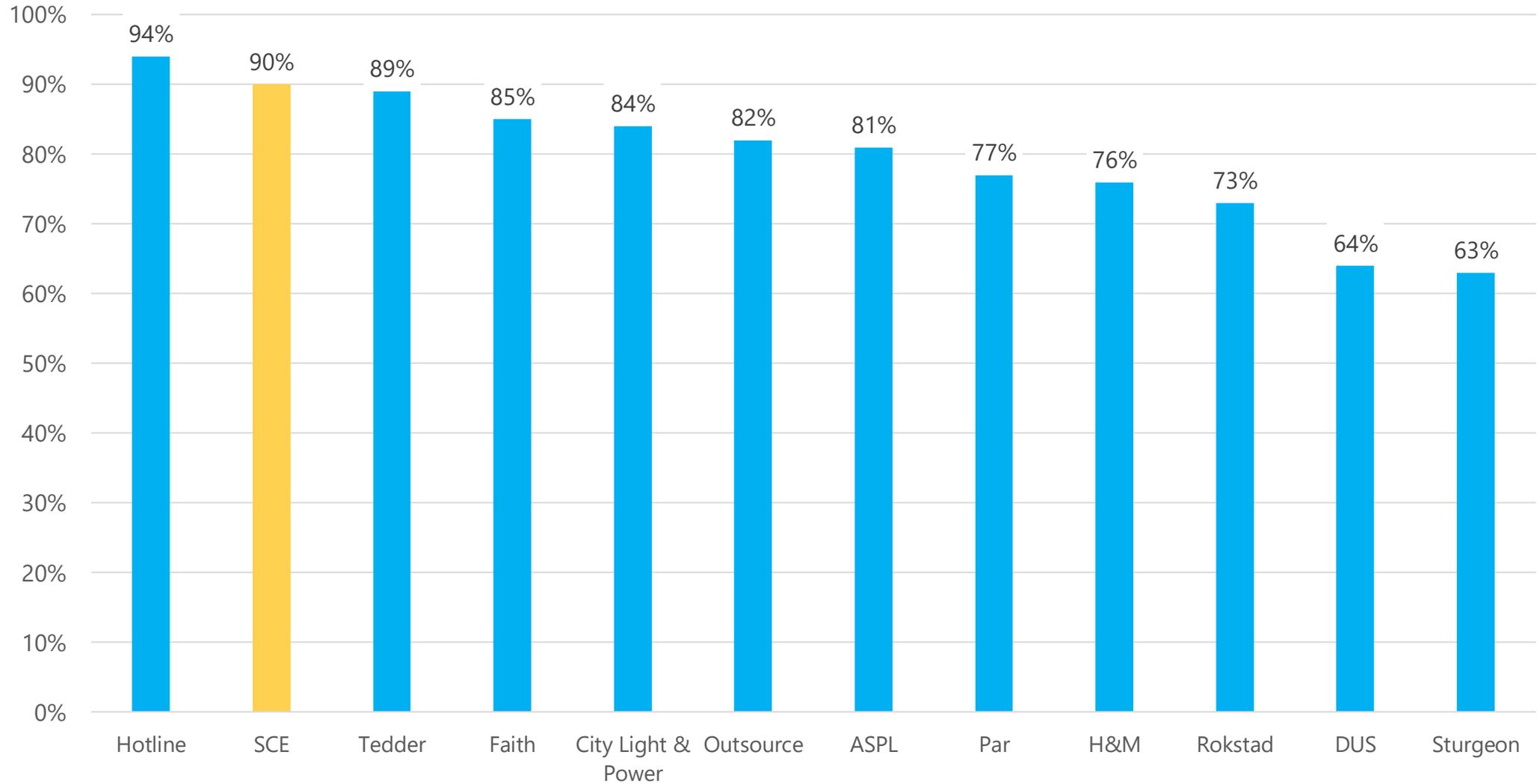
Q1 avg. 59%, Q2 avg. 82%, and 91% for month of June

Conformance Rate Trending



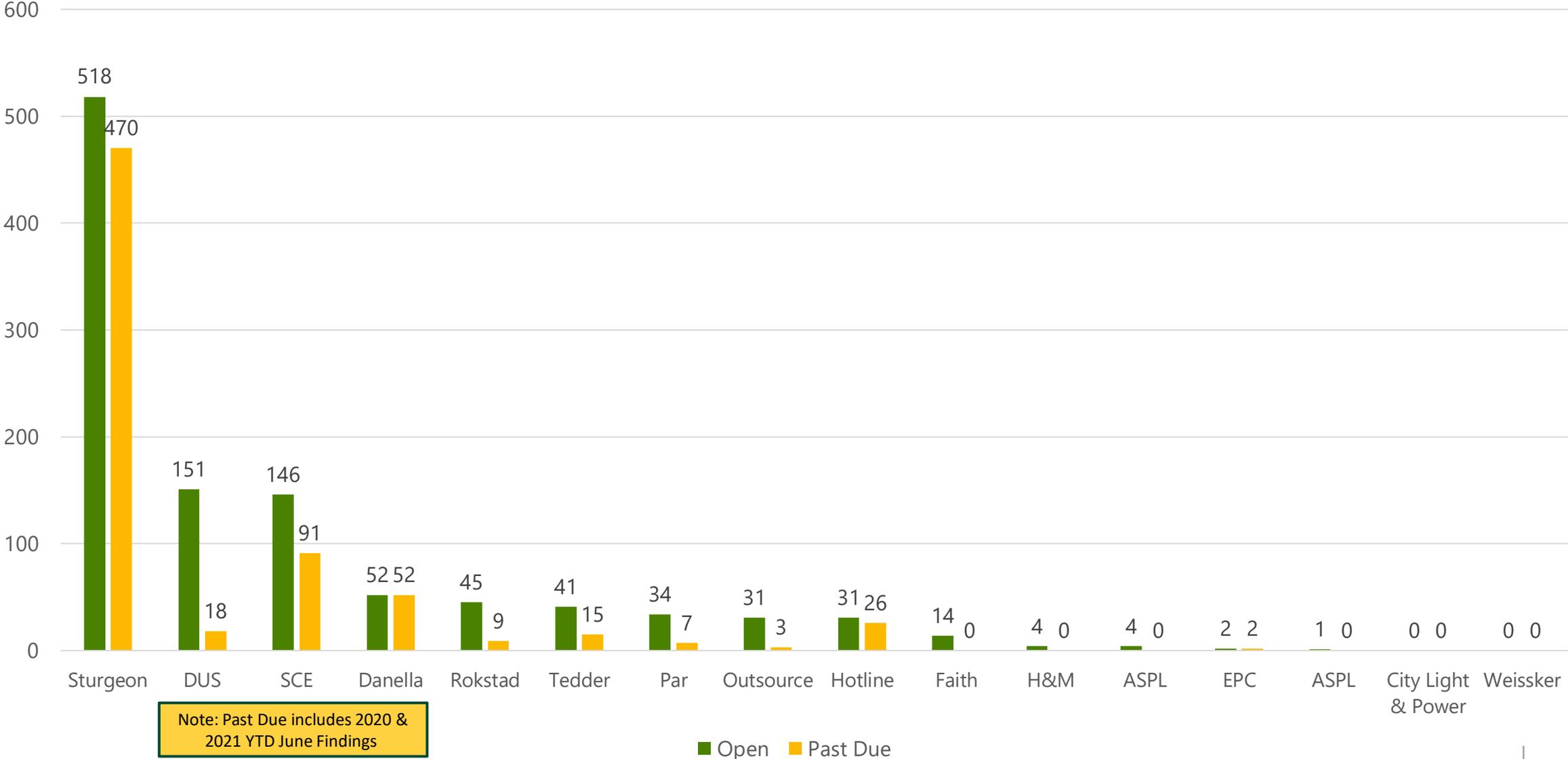
QC Results By Contractor

QC Distribution Construction Program – YTD June 2021
Conformance Rate (%) by Contractor



QC Results By Contractor

QC Distribution Construction Program – Open & Past Due P1s & P2s



Overhead Detail Inspection - YTD 2021 Results Through June

4,360

Total Inspections

4,158

Pass Total

202

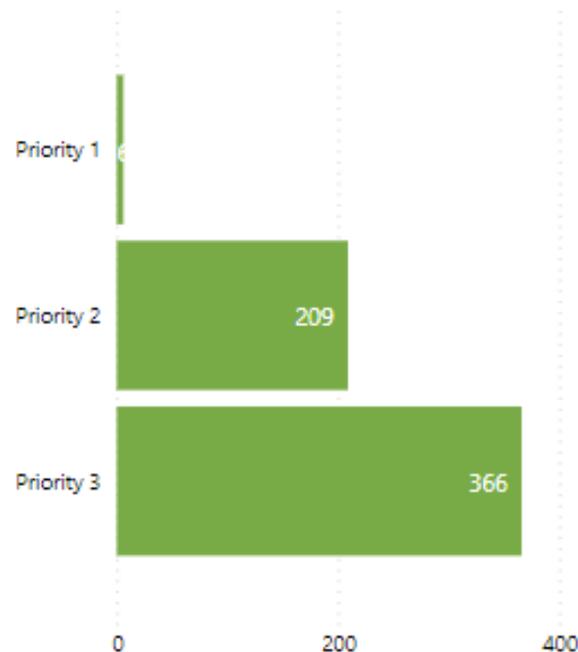
Potential Non-Conformances

95%

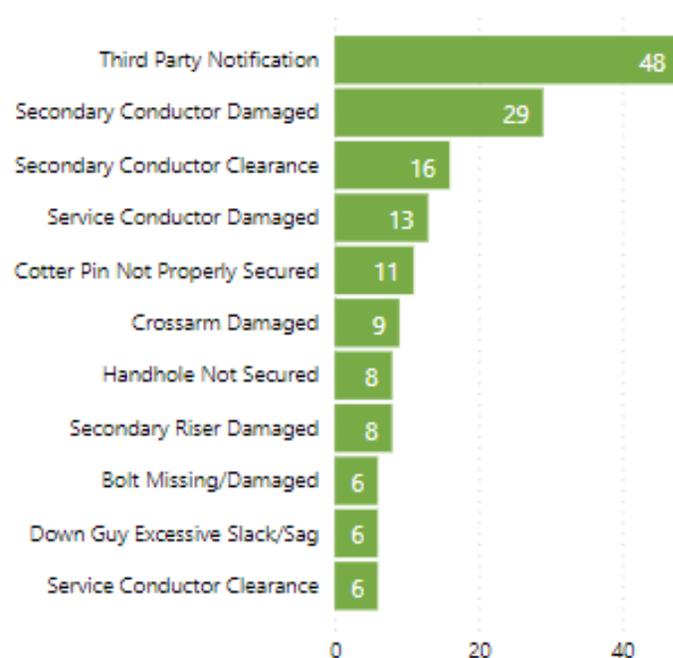
P1 & P2 Total CR%

Tier 1 Target 97% (+/- 1%)

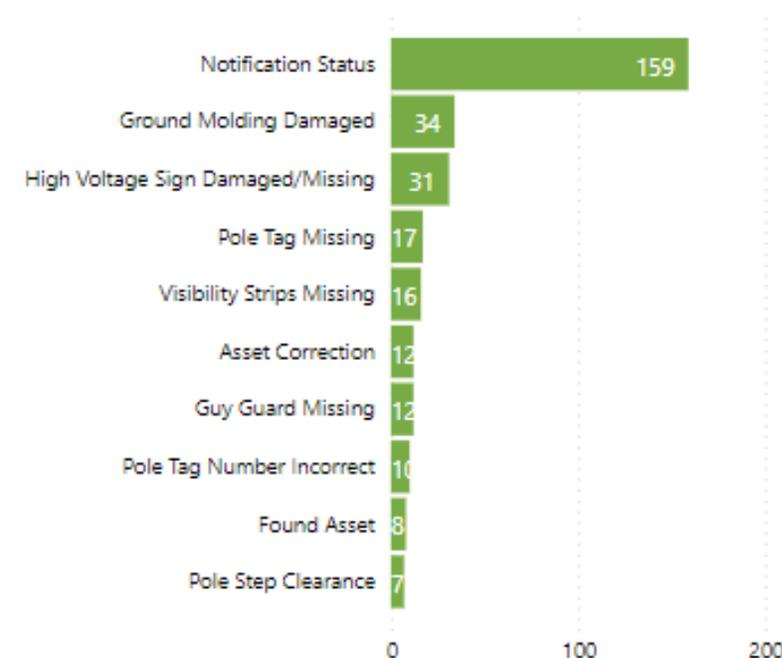
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

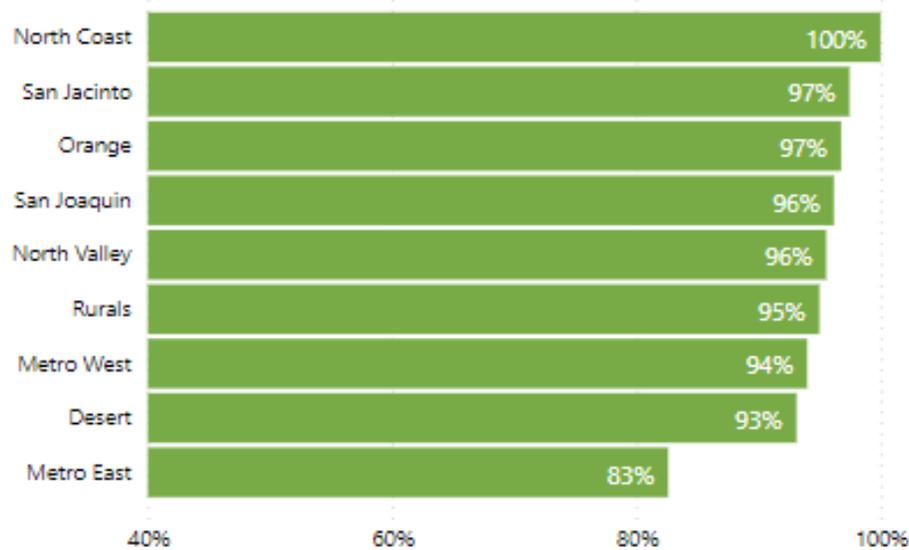


Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
ODI	4,360	202	95%	94.5%	6	0	209	215	53	9	330	366
Total	4,360	202	95%	94.5%	6	0	209	215	53	9	330	366

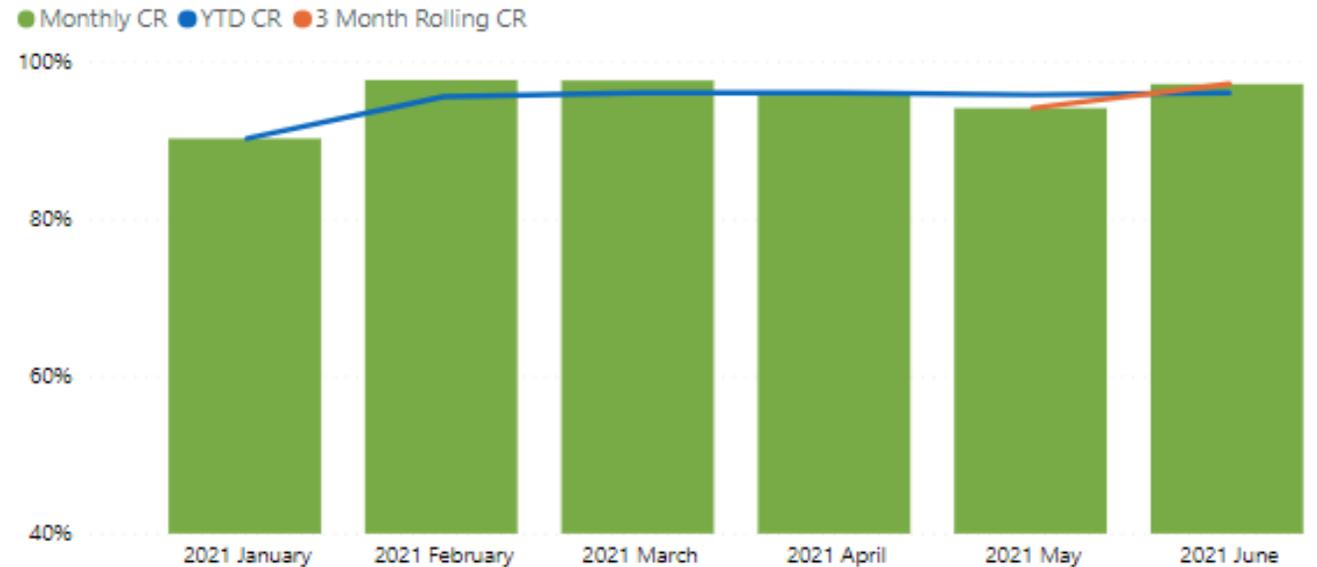
ODI – YTD 2021 Results Through June

Total	4,360 Total Inspections	4,158 Pass Total	202 Potential Non-Conformances	95% P1 & P2 Total CR%
SCE	2,121 Total Inspections	2,009 Pass Total	112 Potential Non-Conformances	95% P1 & P2 Total CR%
Contractor	2,239 Total Inspections	2,149 Pass Total	90 Potential Non-Conformances	96% P1 & P2 Total CR%

Conformance Rate by Region | District



Conformance Rate Trending



APPENDIX



YTD June 2021 QC Results (Dist. Construction) – Sturgeon/San Jacinto Region

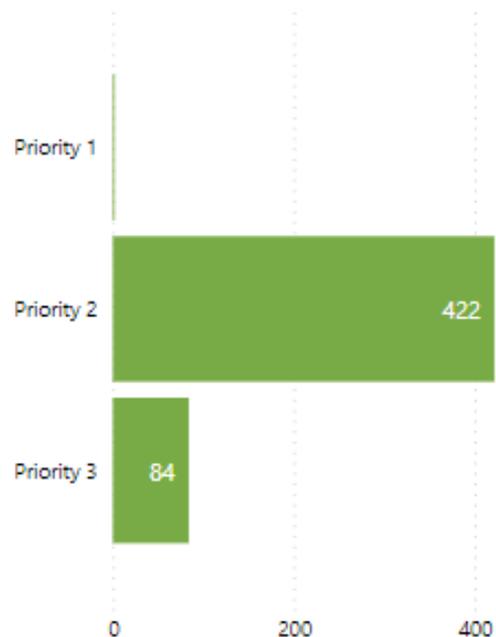
886
Total Inspections

554
Pass Total

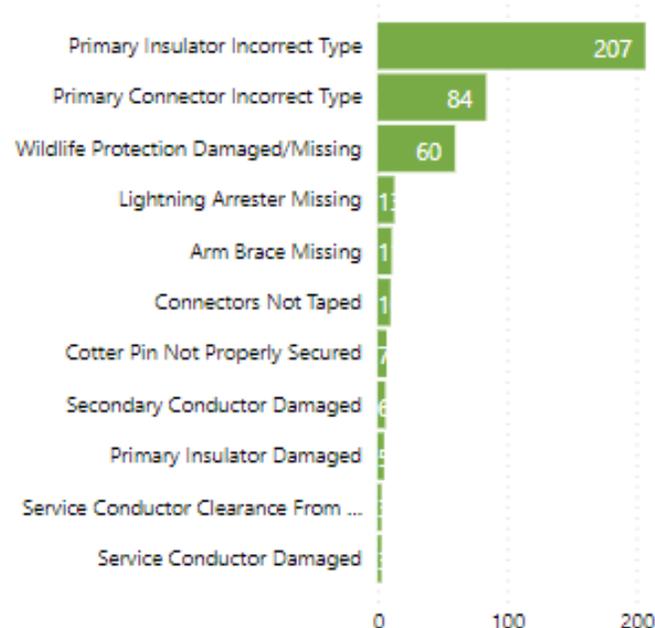
332
Potential Non-Conformances

63%
P1 & P2 Total CR%

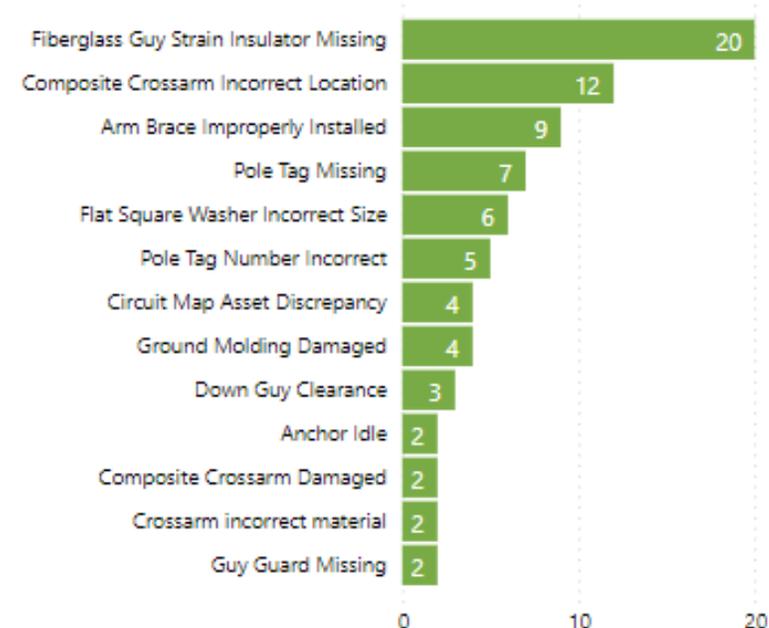
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings				P3 Findings			
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Ⓜ Distribution Construction	886	332	63%	97.0%	1	0	422	423	329	281	72	84
Total	886	332	63%	97.0%	1	0	422	423	329	281	72	84

YTD June 2021 QC Results (Dist. Construction) – Desert Region

599

Total Inspections

420

Pass Total

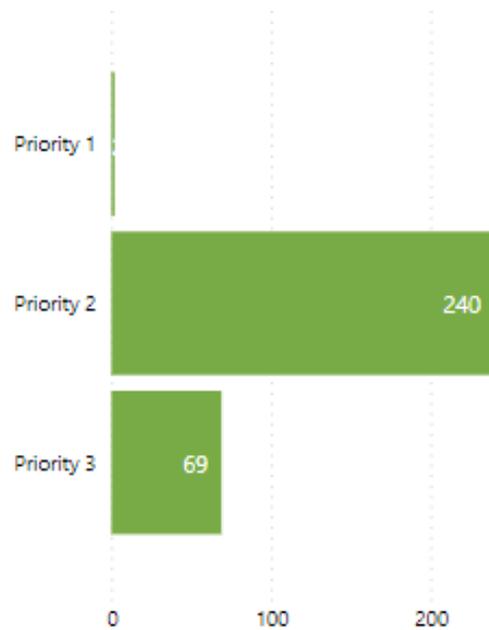
179

Potential Non-Conformances

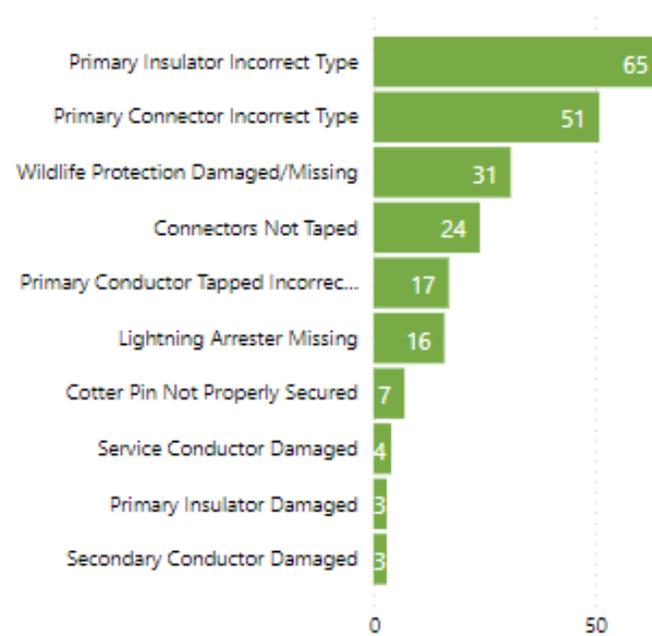
70%

P1 & P2 Total CR%

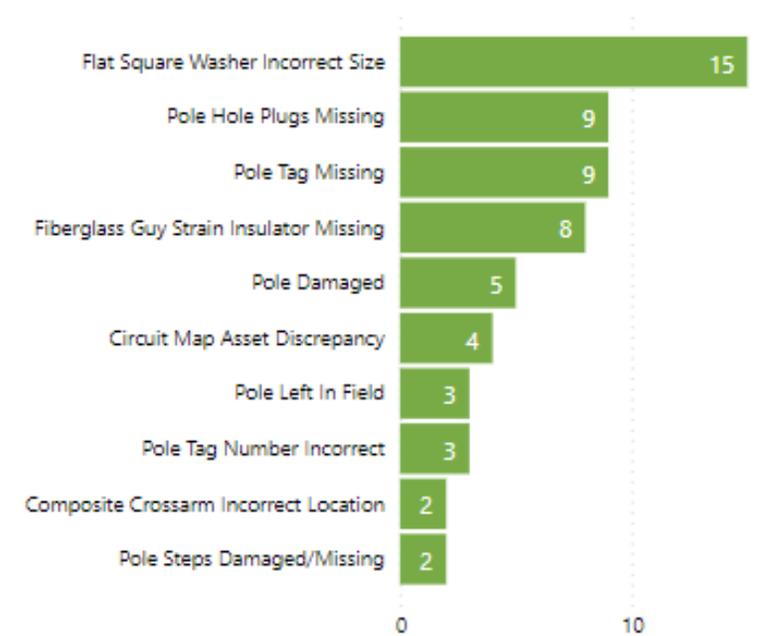
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	599	179	70%	97.0%	2	0	240	242	167	16	66	69
Total	599	179	70%	97.0%	2	0	240	242	167	16	66	69

YTD June 2021 QC Results (Dist. Construction) – Metro East

196

Total Inspections

160

Pass Total

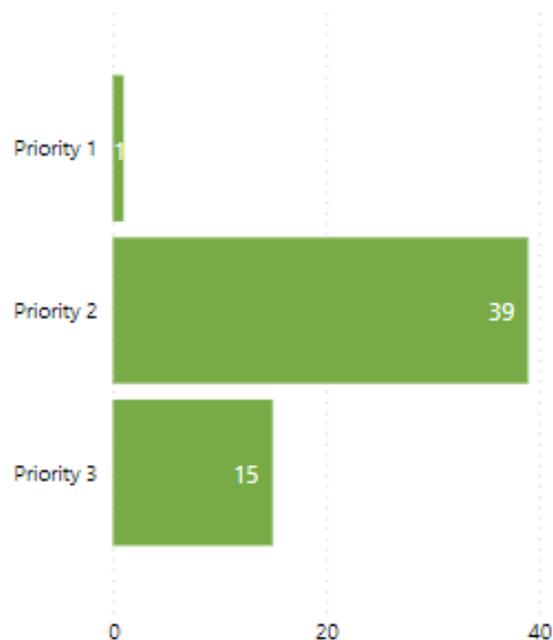
36

Potential Non-Conformances

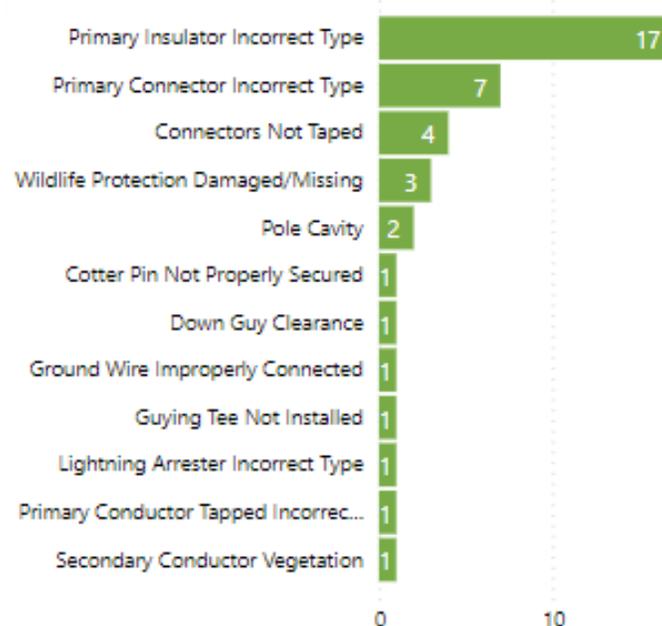
82%

P1 & P2 Total CR%

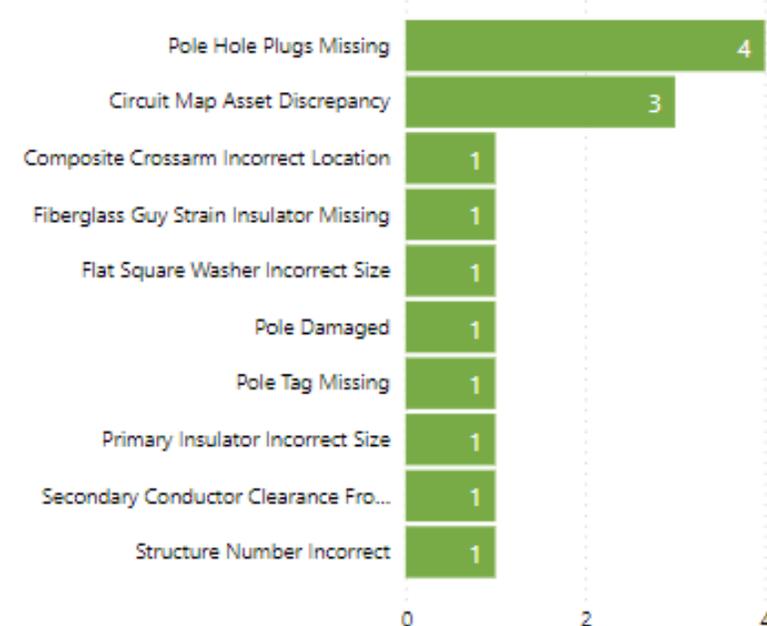
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories

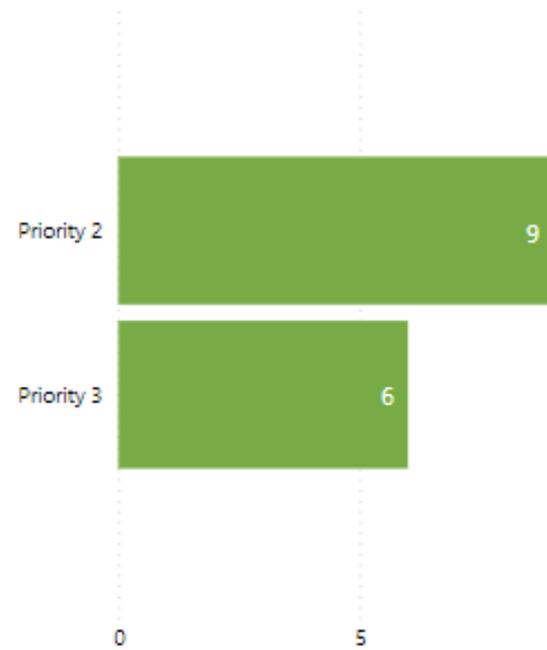


Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	196	36	82%	97.0%	1	0	39	40	15	2	14	15
Total	196	36	82%	97.0%	1	0	39	40	15	2	14	15

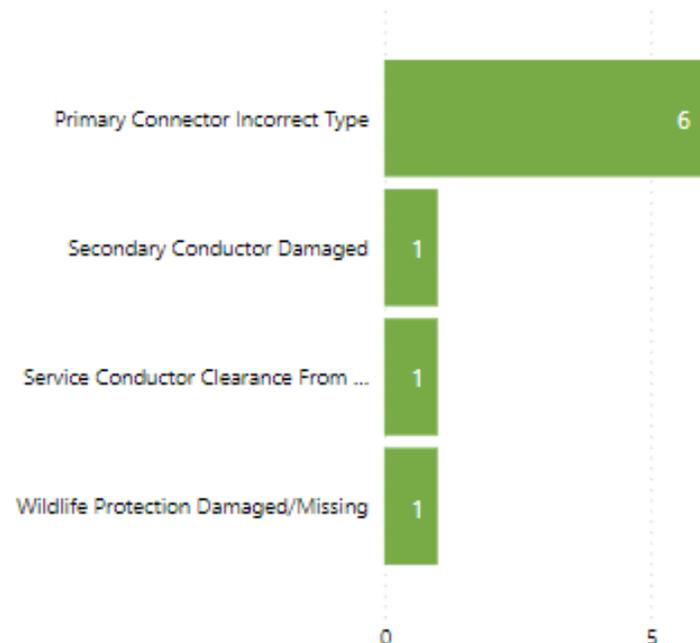
YTD June 2021 QC Results (Dist. Construction) – Metro West

78 Total Inspections **69** Pass Total **9** Potential Non-Conformances **88%** P1 & P2 Total CR%

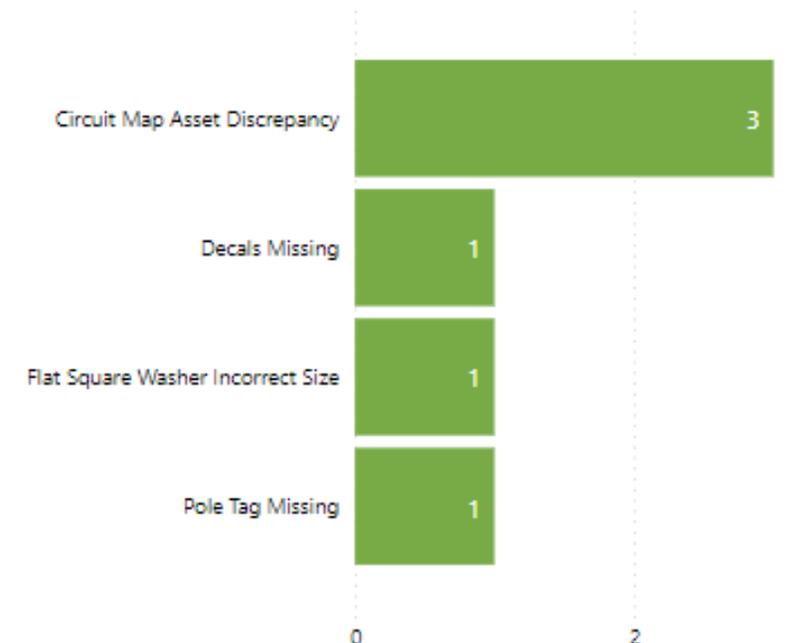
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	78	9	88%	95.0%	0	0	9	9	5	1	6	6
Total	78	9	88%	95.0%	0	0	9	9	5	1	6	6

YTD June 2021 QC Results (Dist. Construction) – North Coast

406

Total Inspections

393

Pass Total

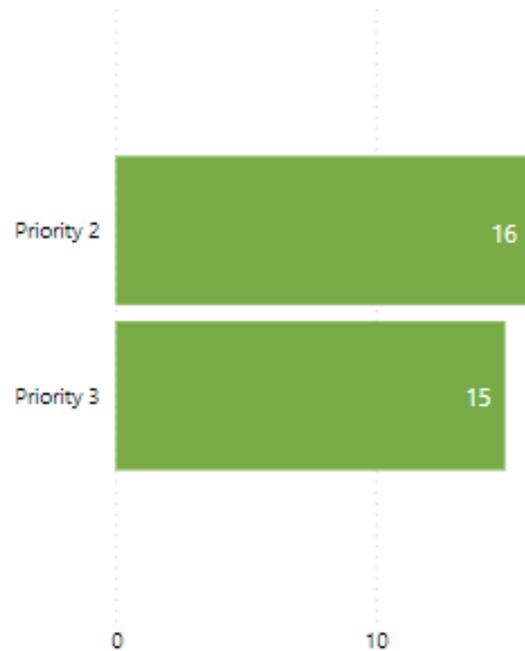
13

Potential Non-Conformances

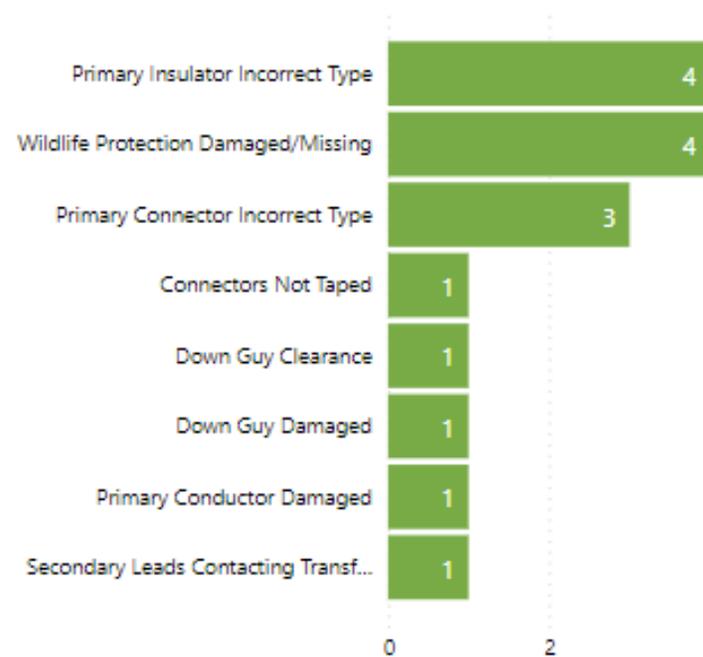
97%

P1 & P2 Total CR%

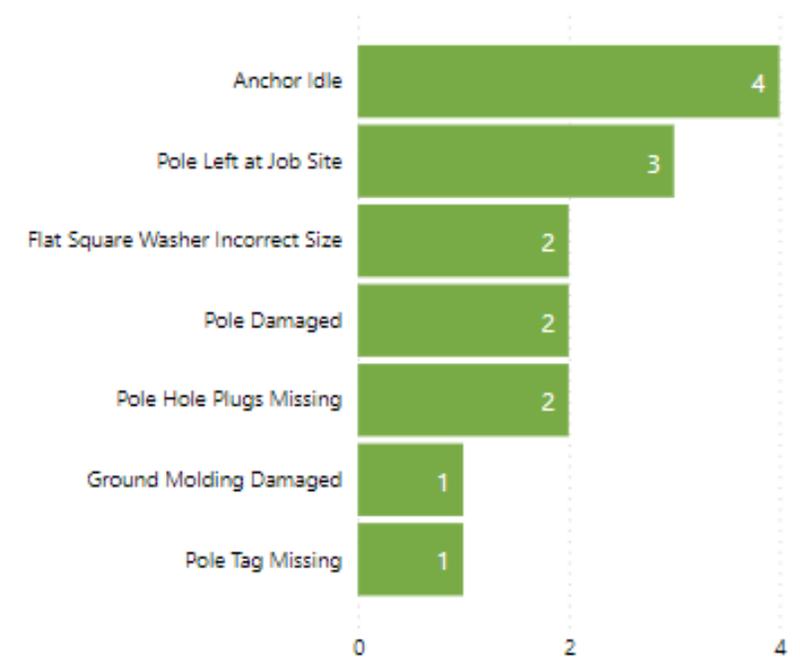
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	406	13	97%	97.0%	0	0	16	16	6	0	15	15
Total	406	13	97%	97.0%	0	0	16	16	6	0	15	15

YTD June 2021 QC Results (Dist. Construction) – North Valley

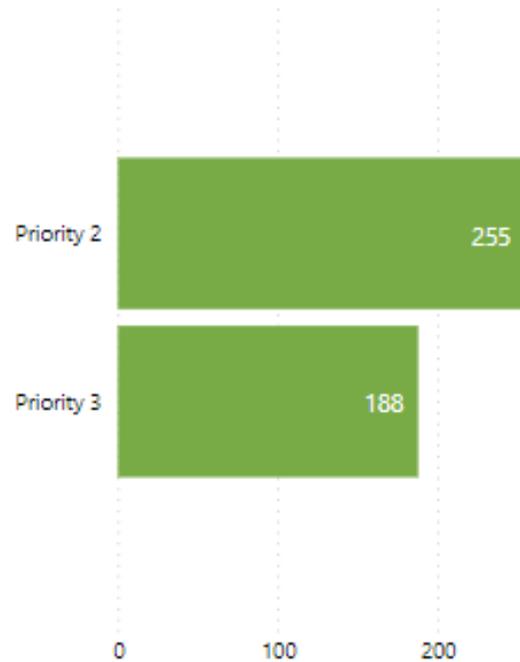
1,351
Total Inspections

1,126
Pass Total

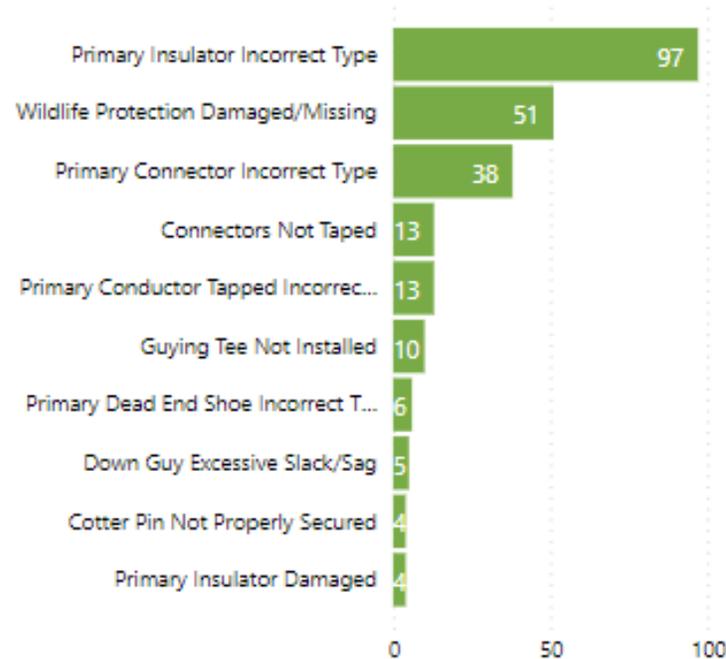
225
Potential Non-Conformances

83%
P1 & P2 Total CR%

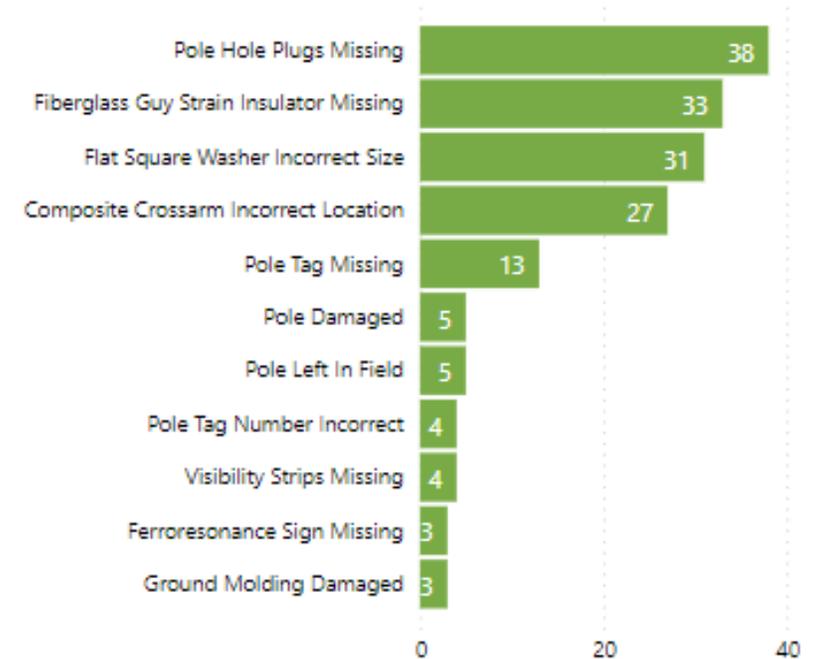
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	1,351	225	83%	97.0%	0	0	255	255	120	24	151	188
Total	1,351	225	83%	97.0%	0	0	255	255	120	24	151	188

YTD June 2021 QC Results (Dist. Construction) – Orange

104

Total Inspections

95

Pass Total

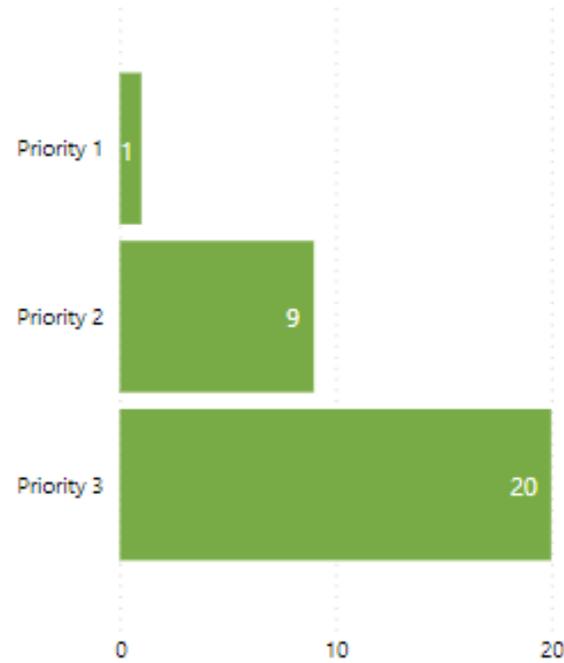
9

Potential Non-Conformances

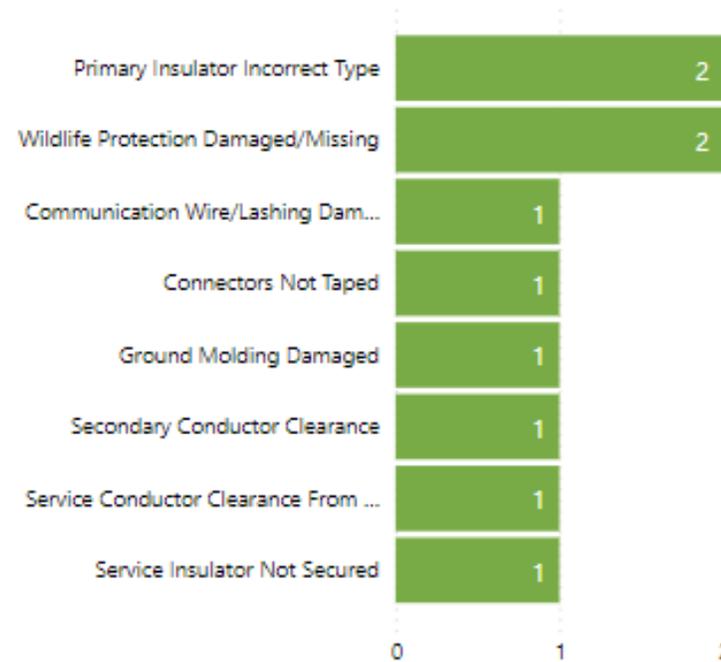
91%

P1 & P2 Total CR%

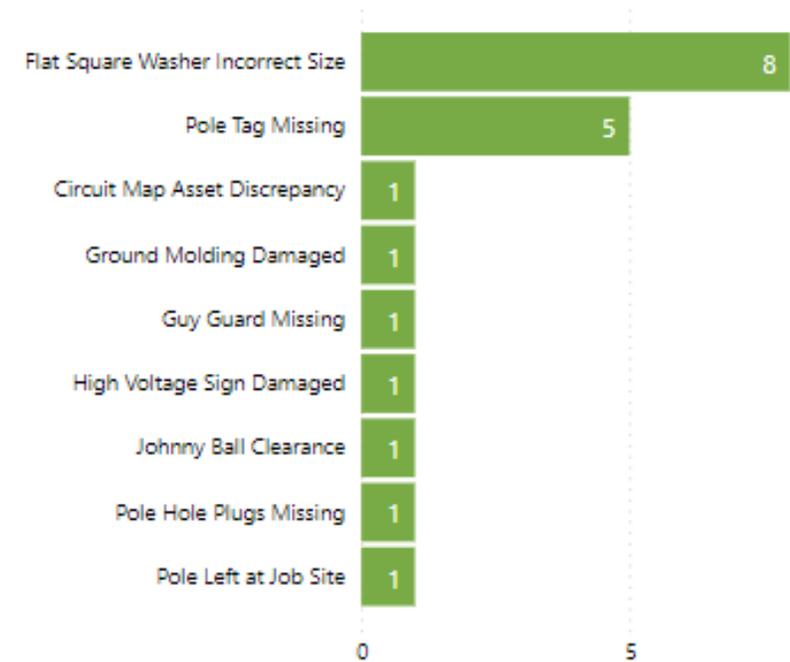
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	104	9	91%	96.0%	1	0	9	10	5	2	15	20
Total	104	9	91%	96.0%	1	0	9	10	5	2	15	20

YTD June 2021 QC Results (Dist. Construction) – Rurals

510

Total Inspections

422

Pass Total

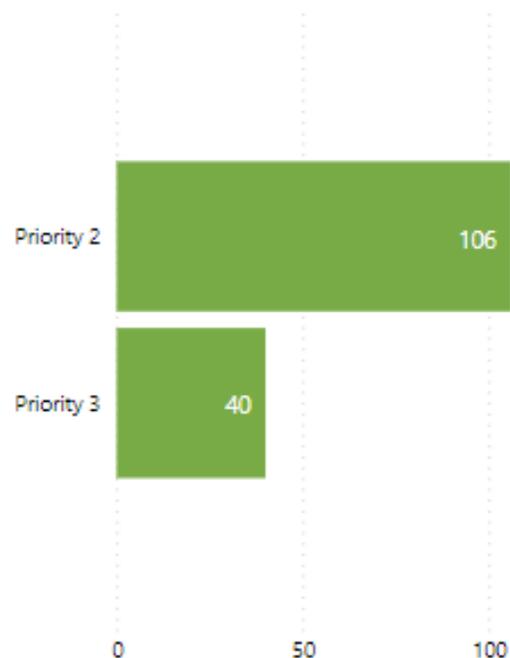
88

Potential Non-Conformances

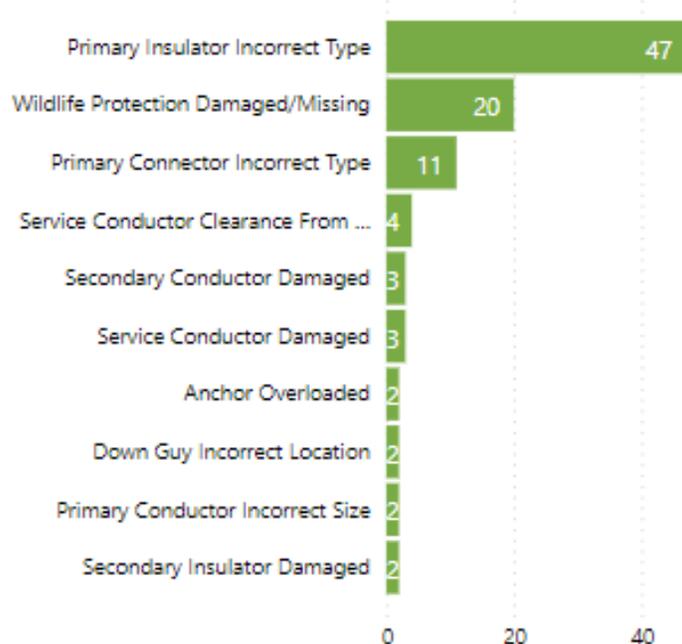
83%

P1 & P2 Total CR%

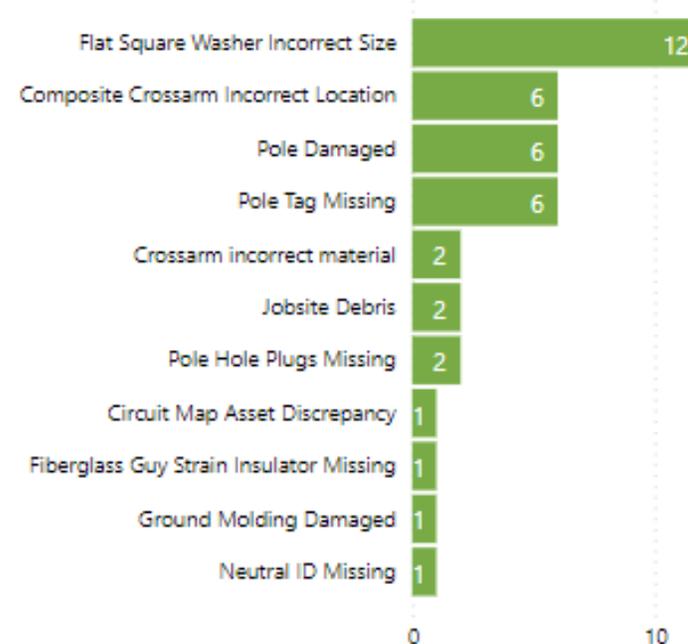
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	510	88	83%	97.0%	0	0	106	106	48	5	33	40
Total	510	88	83%	97.0%	0	0	106	106	48	5	33	40

YTD June 2021 QC Results (Dist. Construction) – San Jacinto

1,379

Total Inspections

949

Pass Total

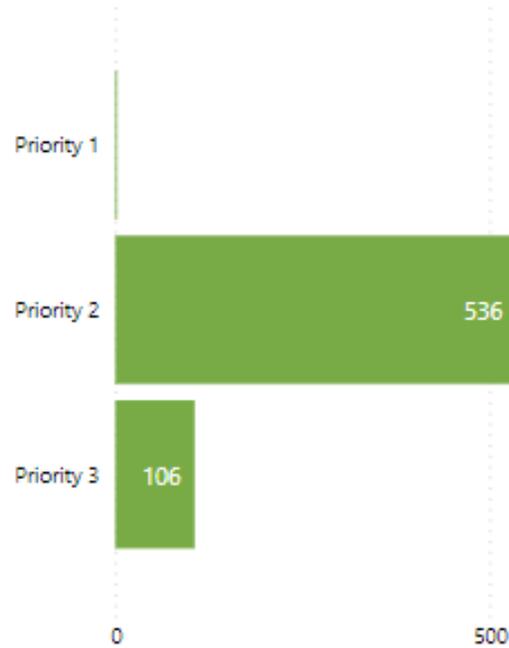
430

Potential Non-Conformances

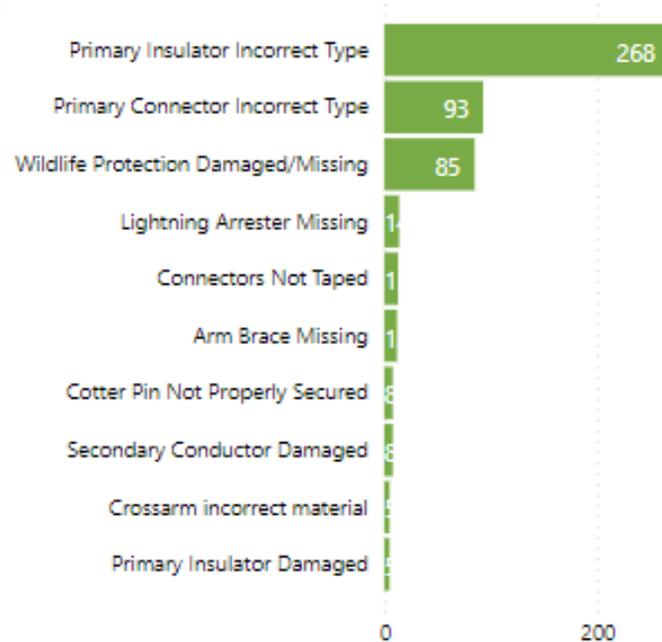
69%

P1 & P2 Total CR%

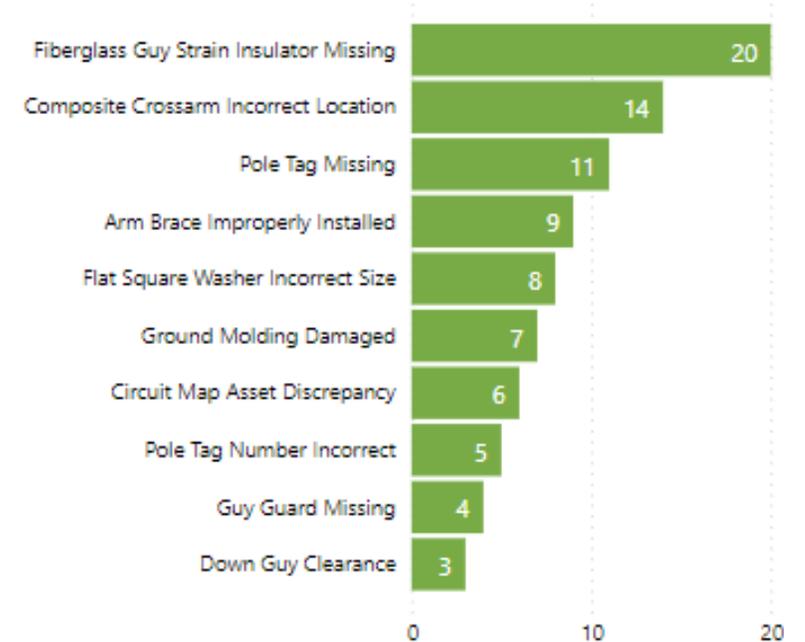
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	1,379	430	69%	97.0%	1	0	536	537	356	295	94	106
Total	1,379	430	69%	97.0%	1	0	536	537	356	295	94	106

YTD March 2021 QC Results (Dist. Construction) – San Joaquin

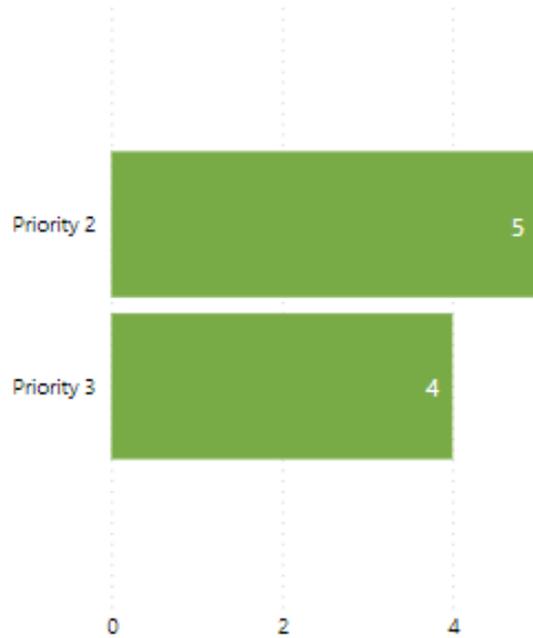
39
Total Inspections

34
Pass Total

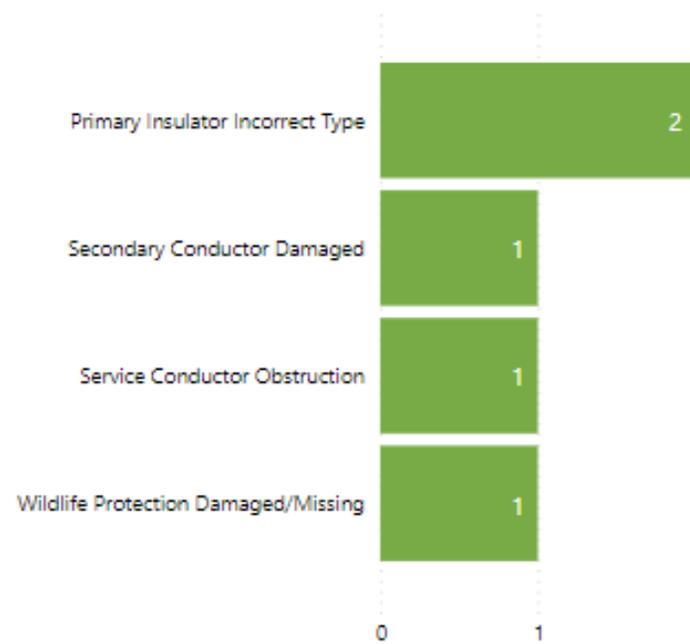
5
Potential Non-Conformances

87%
P1 & P2 Total CR%

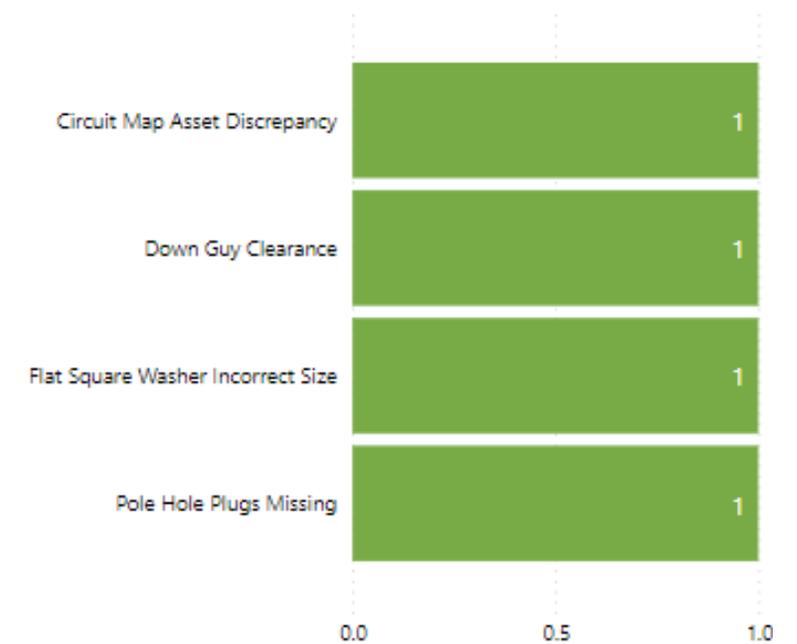
Findings by Priority



Top 10 P1 & P2 Finding Categories



Top 10 P3 Finding Categories



Program	FLOCS				P1 & P2 Findings						P3 Findings	
	Total QC Inspections	P1 & P2 PNC	P1 & P2 CR	Threshold Limit	P1	P2E	P2	Total P1 & P2	Open	Past Due	FLOC PNC	P3
Distribution Construction	39	5	87%	95.0%	0	0	5	5	3	3	4	4
Total	39	5	87%	95.0%	0	0	5	5	3	3	4	4

Updated Quality Dashboard

Updated Filtering Capabilities (Contractor, Trans. Grid, Distribution Region/District, etc.)

Program Details Page

Restricted area allows sorting by crew type (SCE vs Contractor)

Quality Control Programs (Restricted Access) | Data updated 4/14/21

Program Details
Data as of: 4/14/2021 Freq: Monthly

Click to filter by Reporting: **All** **Transmission Grid** **Distribution Region**

Contractor Name: All | Program: Transmission Construction | Grid: All | Date: Multiple selections

277 Total Inspections | **270** Pass Total | **7** Potential Non-Conformances | **97%** P1 & P2 Total CR%

Non-Conformances by Priority

Priority	Count
Priority 2	7
Priority 3	19

Top 10 P1 & P2 Finding Categories

Finding Category	Count
Connectors Not Taped	2
Anchor Overloaded	1
Down Guy Clearance	1
Primary Insulator Incorrect Type	1
Secondary Conductor Damaged	1
Secondary Riser Damaged	1

Top 10 P3 Finding Categories

Finding Category	Count
Circuit Map Asset Discrepancy	8
Flat Square Washer Incorrect Size	4
Pole Tag Missing	2
Crossarm incorrect material	1
Down Guy Excessive Slack/Sag	1
Guy Guard Missing	1
Pole Cavity	1
Span Guy Excessive Slack/Sag	1