

VM Performance Review Meeting

June 10, 2021

2021 QC Mileage Productivity

2021 QC Mileage Targets

Month	HFRA & Non-HFRA				HFRA				Non-HFRA			
	Goal	Actual	Plus Delta	% to 8145	Goal	Actual	Plus Delta	% to 6125	Goal	Actual	Plus Delta	% to 2020
January	678.75	755	76.25	9.3	510.4	679	168.6	11.0	168.3	74	94.3	3.6
February	1357.50	1854	496.50	22.7	1020.8	1452	431.2	23.7	336.6	400	63.4	19.8
March	2036.25	2415	378.75	29.6	1531.2	1803	271.8	29.4	504.9	610	105.1	30.2
April	2715.00	3066	351.0	37.6	2041.6	2321	279.4	37.8	673.2	737	63.8	36.4
May	3393.75	4016	622.25	49.3	2552.0	3052	500.0	49.8	841.5	954	112.5	47.2
June	4072.50				3062.4				1009.8			
July	4751.25				3572.8				1178.1			
August	5430.00				4083.2				1346.4			
September	6108.75				4593.6				1514.7			
October	6787.50				5104.0				1683.0			
November	7466.25				5614.4				1851.3			
December	8145.00				6125.0				2020.0			

- Goal/Actual columns are “cumulative miles”
- 2021 QC Plan mileage target is 8145 circuit miles: $8145 \text{ miles} \div 12 \text{ months} = 678.75 \text{ miles per month}$
- Compliance QC is currently fully staffed at 26 FTE (20 field, 2 QC for verification of remediations, 4 field supervisors)
- $8145 \text{ miles} \div 20 \text{ inspectors} = 407.25 \text{ miles per year per inspector}$, ($407.25 \div 220 \text{ days} = 1.851 \text{ miles per day}$)

All Mileage Targets “ahead of plan”

RCD / CCD Performance – 2021 3 Months rolling & YTD

RCD CONFORMANCE % – OVERALL VM PROGRAM				
	March	April	May	YTD
T & D	99.47	99.08	99.35	99.32
Transmission	99.05	98.62	99.04	99.25
Distribution	99.49	99.11	99.35	99.32
RCD CONFORMANCE % – PRUNING CONTRACTORS				
T & D	99.44	98.87	99.41	99.30
Transmission	98.70	96.47	99.07	98.45
Distribution	99.48	98.97	99.41	99.32
RCD CONFORMANCE % – INSPECTION CONTRACTORS				
T & D	99.56	99.48	99.15	99.49
Transmission	100.00	99.92	100.00	99.96
Distribution	99.55	99.42	99.13	99.46

RCD = Regulation Clearance Distance NIP = No QC Inspections Performed Transmission RCD incorporates Sag & Sway

CCD CONFORMANCE % – OVERALL VM PROGRAM				
	March	April	May	YTD
T & D	96.25	95.54	96.41	96.19
Transmission	87.05	98.31	99.68	95.84
Distribution	96.69	95.35	96.39	96.20
CCD CONFORMANCE % – PRUNING CONTRACTORS				
T & D	95.68	94.78	96.37	95.59
Transmission	82.45	95.66	97.20	91.33
Distribution	96.42	94.74	96.37	95.72
CCD CONFORMANCE % – INSPECTION CONTRACTORS				
T & D	97.28	97.04	96.32	97.64
Transmission	99.42	99.92	100.00	99.89
Distribution	97.21	96.68	96.26	97.51

QC Tier 1 CCD Metric

CCD = Compliance Clearance Distance NIP = No QC Inspections Performed Transmission CCD incorporates Sag & Sway

AQL RCD = 100%
AQL CCD = 95%

< 90%	90% to < 95%	95% to < 97%	97% to < 98%	98% to < 99%	99% to 100%
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NOTE: RCD and CCD results indicate tree condition clearance at time of QC, not at time of trim

YTD VM Performance – Transmission & Distribution

VM Lead: Bill

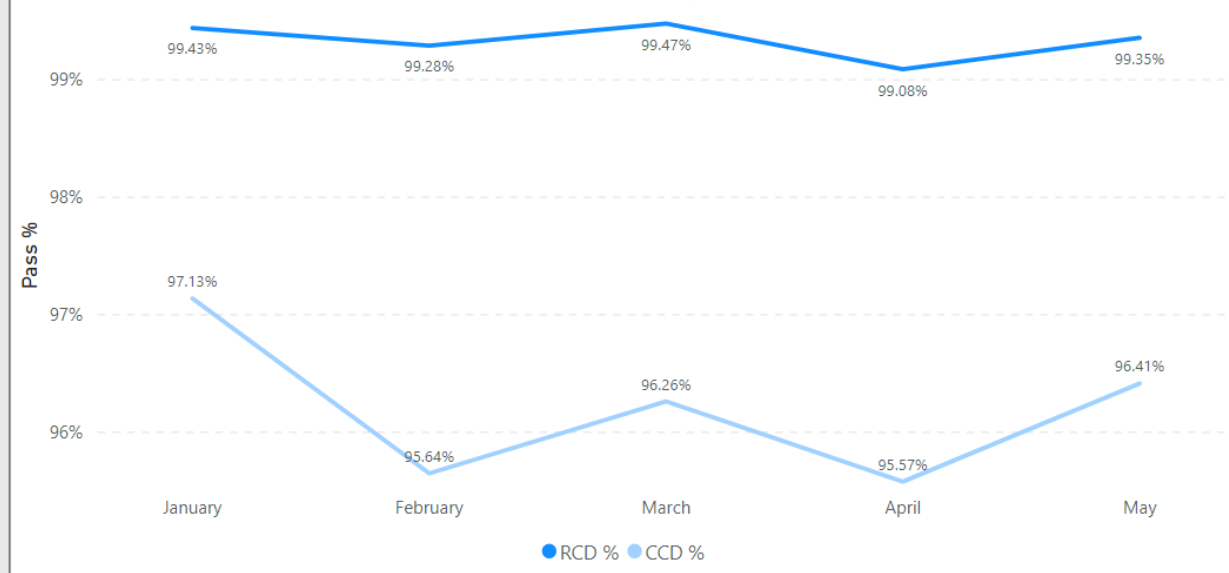
Pass % by District

District	Trees Inspected	RCD Pass %	CCD Pass %
29-Palms	897	100.00%	99.22%
Fullerton	986	100.00%	98.88%
Ridgecrest	144	100.00%	100.00%
San Joaquin	1272	100.00%	99.69%
Wildomar	8579	99.99%	99.77%
Bishop/Mammoth	3450	99.94%	99.83%
Long Beach	1309	99.92%	97.10%
Victorville	2268	99.87%	96.43%
Whittier	3599	99.86%	98.92%
Huntington Beach	608	99.84%	99.67%
Ontario	7854	99.82%	98.66%
Menifee	9328	99.77%	98.90%
Tehachapi	1113	99.73%	99.28%
Kernville	7303	99.59%	96.22%
Covina	7176	99.50%	97.74%
Thousand Oaks	11891	99.47%	96.77%
Antelope Valley	4561	99.43%	95.07%
Montebello	1595	99.37%	96.61%
Compton	1107	99.37%	97.92%
Arrowhead	14666	99.33%	95.52%
Foothill	895	99.33%	96.54%
Ventura	13759	99.27%	96.27%
South Bay	7990	99.04%	94.94%
Monrovia	10690	98.72%	91.11%
Valencia	2686	98.51%	94.86%
Santa Monica	326	98.47%	91.41%
Saddleback	2140	98.13%	90.33%
Redlands	3968	97.91%	90.98%
Santa Barbara	4070	97.64%	91.03%

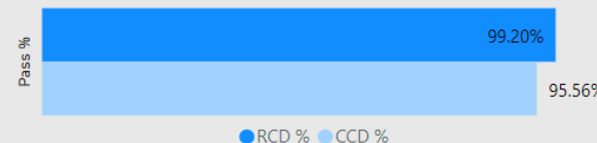
Distribution

Transmission

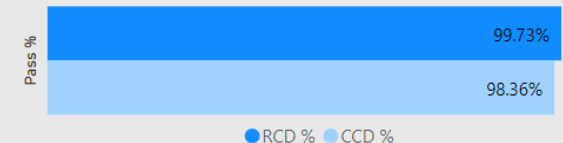
Clearance Pass % by Month



HFRA Clearance Pass %



Non HFRA Clearance Pass %



Total Trees Inspected

139698

Overall RCD Pass %

99.32%

Overall CCD Pass %

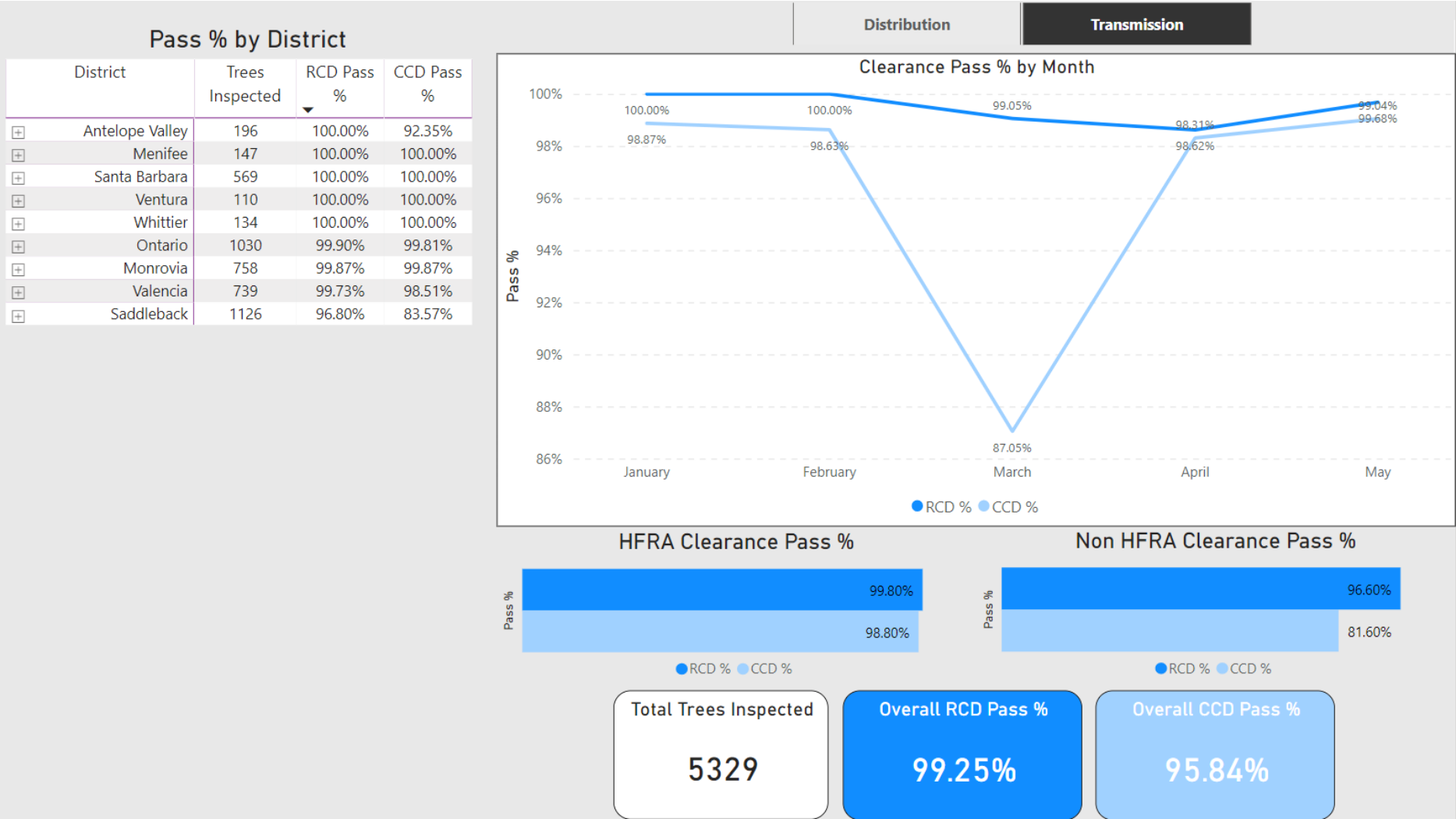
96.19%

NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

Compliance Zone		HFRA	D	Compliance Zone		HFRA	Non-HFRA
T	RCD = Regulation Clearance Distance	10'		RCD = Regulation Clearance Distance	4'	18"	
	CCD = Compliance Clearance Distance (RCD x 1.5)	15'		CCD = Compliance Clearance Distance (RCD x 1.5)	6'	3'	

YTD VM Performance – Transmission

VM Lead: Bill



NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

T	Compliance Zone		HFRA
	RCD = Regulation Clearance Distance		10'
	CCD = Compliance Clearance Distance (RCD x 1.5)		15'

AQL RCD = 100%
AQL CCD = 95%

YTD VM Performance – Distribution

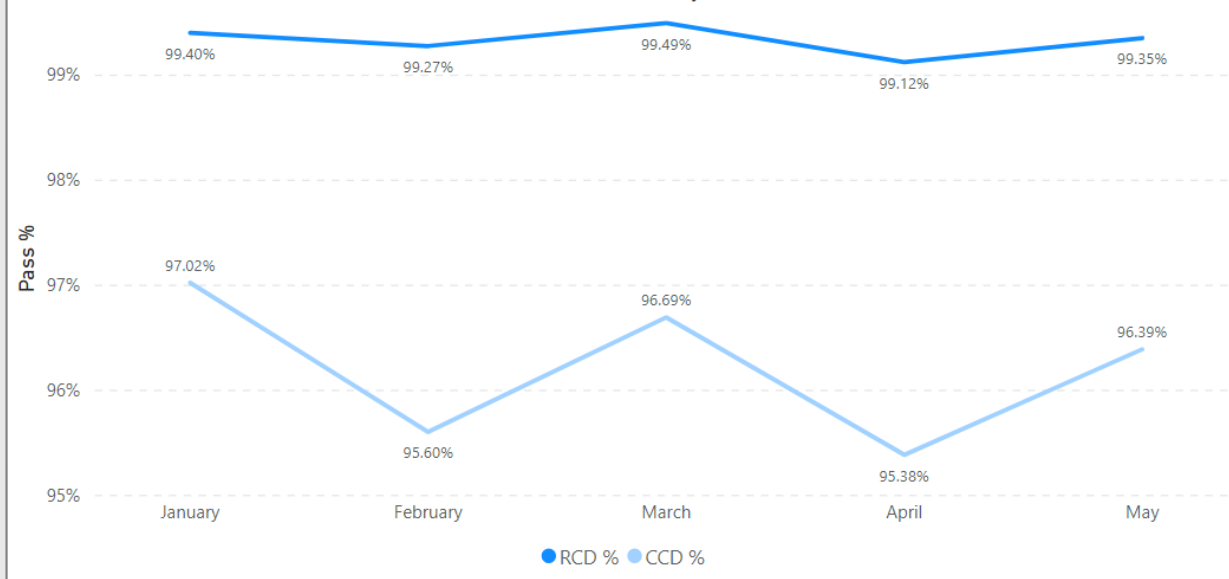
Pass % by District

District	Trees Inspected	RCD Pass %	CCD Pass %
29-Palms	897	100.00%	99.22%
Fullerton	986	100.00%	98.88%
Ridgecrest	144	100.00%	100.00%
San Joaquin	1272	100.00%	99.69%
Wildomar	8578	99.99%	99.77%
Bishop/Mammoth	3450	99.94%	99.83%
Long Beach	1309	99.92%	97.10%
Victorville	2268	99.87%	96.43%
Whittier	3465	99.86%	98.87%
Huntington Beach	608	99.84%	99.67%
Ontario	6824	99.81%	98.49%
Menifee	9181	99.77%	98.88%
Tehachapi	1113	99.73%	99.28%
Saddleback	1014	99.61%	97.83%
Kernville	7303	99.59%	96.22%
Covina	7176	99.50%	97.74%
Thousand Oaks	11891	99.47%	96.77%
Antelope Valley	4365	99.40%	95.19%
Montebello	1595	99.37%	96.61%
Compton	1107	99.37%	97.92%
Arrowhead	14666	99.33%	95.52%
Foothill	895	99.33%	96.54%
Ventura	13649	99.27%	96.24%
South Bay	7990	99.04%	94.94%
Monrovia	9932	98.63%	90.45%
Santa Monica	326	98.47%	91.41%
Valencia	1947	98.05%	93.48%
Redlands	3968	97.91%	90.98%
Santa Barbara	3501	97.26%	89.57%

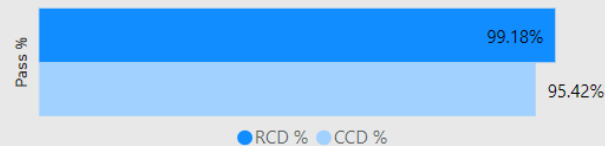
Distribution

Transmission

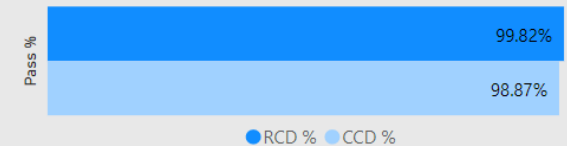
Clearance Pass % by Month



HFRA Clearance Pass %



Non HFRA Clearance Pass %



Total Trees Inspected

134326

Overall RCD Pass %

99.32%

Overall CCD Pass %

96.20%

NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

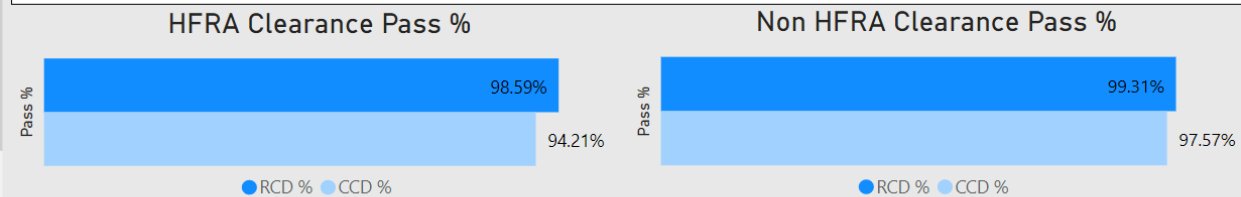
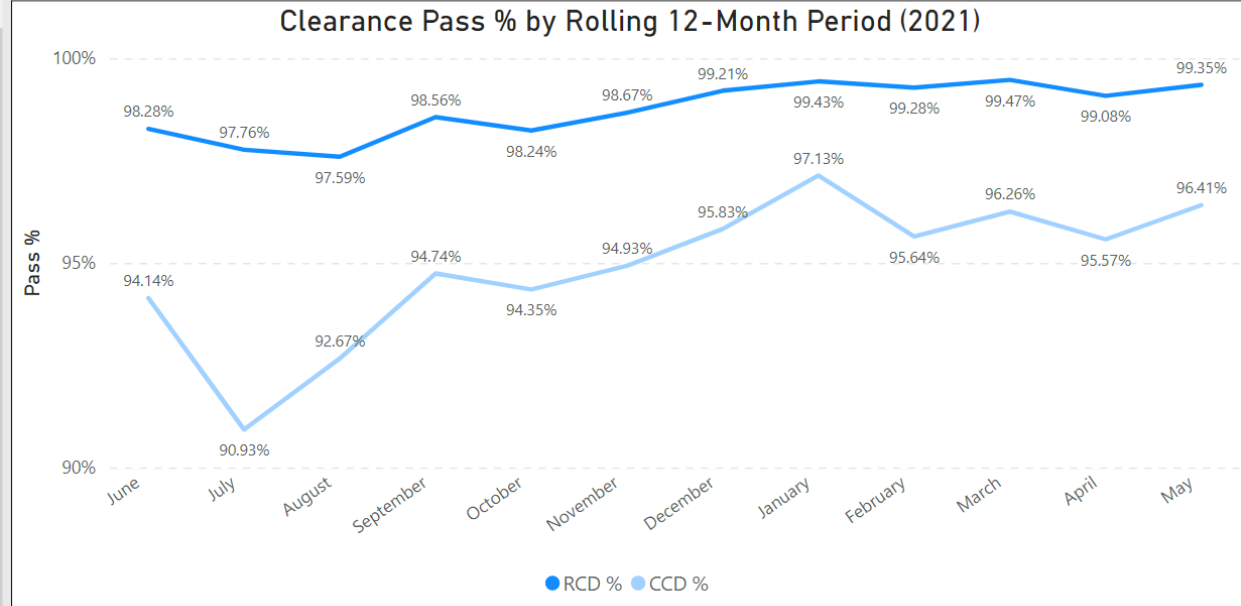
AQL RCD = 100%
AQL CCD = 95%

VM Performance – T & D (Rolling 12 months)

VM Lead: Bill

Pass % by District

District	Trees Inspected	RCD Pass %	CCD Pass %
Fullerton	1181	100.00%	99.07%
Ridgecrest	144	100.00%	100.00%
Huntington Beach	758	99.87%	99.74%
Big Creek	501	99.80%	99.00%
Ontario	12943	99.80%	98.80%
Whittier	5603	99.77%	98.75%
Bishop/Mammoth	5103	99.69%	97.43%
29-Palms	2540	99.69%	96.81%
Wildomar	17187	99.68%	98.57%
Tehachapi	12411	99.68%	97.91%
Kernville	15123	99.58%	96.82%
Covina	14559	99.48%	97.49%
Foothill	895	99.33%	96.54%
Montebello	2132	99.30%	96.58%
Thousand Oaks	23406	99.29%	96.48%
Arrowhead	50426	99.14%	94.11%
Palm Springs	2458	98.98%	95.12%
Ventura	23055	98.94%	95.48%
Antelope Valley	13435	98.94%	95.55%
Long Beach	3805	98.90%	96.24%
Menifee	28154	98.79%	94.85%
Compton	2523	98.77%	97.11%
Victorville	4691	98.76%	94.10%
Santa Ana	939	98.72%	95.31%
South Bay	16061	98.03%	92.38%
Monrovia	15696	97.85%	90.97%
Santa Barbara	13658	97.83%	92.22%
Valencia	11063	97.70%	93.46%
Redlands	19594	97.65%	88.86%
Santa Monica	2955	97.43%	92.28%
San Joaquin	10154	96.15%	94.44%



Total Trees Inspected

346614

Overall RCD Pass %

98.73%

Overall CCD Pass %

94.84%

NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

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VM Performance – Transmission (Rolling 12 months)

VM Lead: Bill

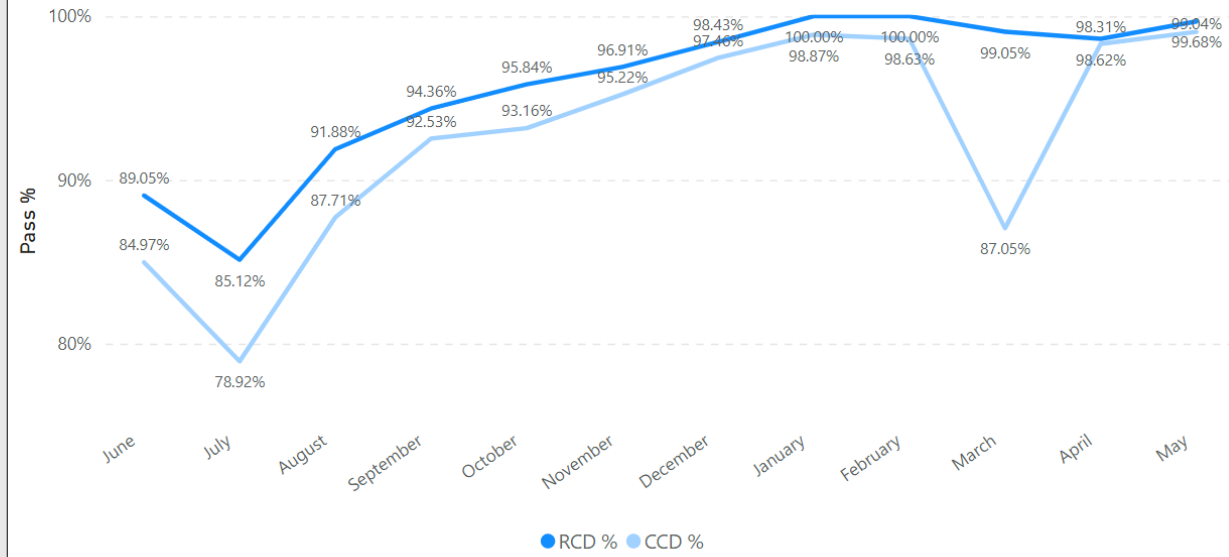
Pass % by District

District	Trees Inspected	RCD Pass %	CCD Pass %
+ Bishop/Mammoth	877	100.00%	99.77%
+ Covina	263	100.00%	100.00%
+ Kernville	193	100.00%	100.00%
+ Long Beach	194	100.00%	100.00%
+ Menifee	147	100.00%	100.00%
+ Thousand Oaks	1003	100.00%	99.90%
+ Whittier	134	100.00%	100.00%
+ Ontario	2671	99.78%	99.55%
+ South Bay	428	99.77%	99.77%
+ Victorville	230	99.13%	93.48%
+ Santa Barbara	859	98.49%	97.32%
+ Santa Ana	217	98.16%	96.31%
+ Monrovia	3436	97.64%	96.04%
+ Antelope Valley	1790	96.09%	91.62%
+ Valencia	2119	94.15%	91.08%
+ Ventura	494	93.72%	90.89%
[-] Saddleback			
00881	318	99.69%	98.74%
01189	829	95.78%	77.80%
01188	543	51.20%	39.96%
[-] San Joaquin			
07239	230	100.00%	100.00%
07240	389	100.00%	99.74%
00011	375	69.33%	56.00%
04107	462	65.80%	52.81%
00194	192	43.23%	28.13%

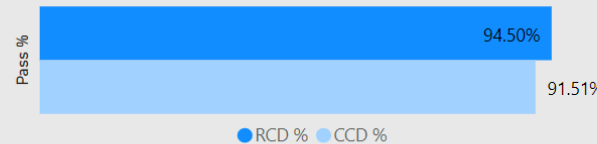
Distribution

Transmission

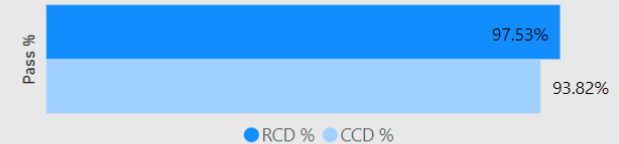
Clearance Pass % by Rolling 12-Month Period (2021)



HFRA Clearance Pass %



Non HFRA Clearance Pass %



Total Trees Inspected

22113

Overall RCD Pass %

95.08%

Overall CCD Pass %

91.95%

NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

T	Compliance Zone		HFRA	D	Compliance Zone		HFRA	Non-HFRA
	RCD = Regulation Clearance Distance		10'		RCD = Regulation Clearance Distance		4'	18"
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VM Performance – Distribution (Rolling 12 months)

VM Lead: Bill

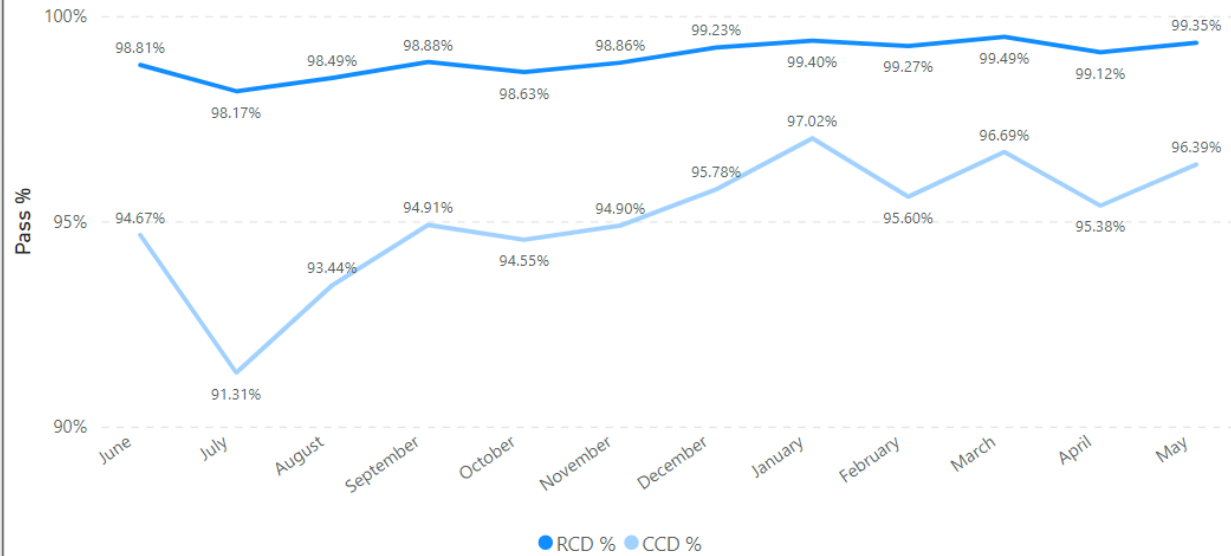
Pass % by District

District	Trees Inspected	RCD Pass %	CCD Pass %
Ridgecrest	144	100.00%	100.00%
San Joaquin	8506	99.89%	99.49%
Huntington Beach	758	99.87%	99.74%
Ontario	10256	99.80%	98.61%
Big Creek	501	99.80%	99.00%
Whittier	5413	99.76%	98.71%
29-Palms	2540	99.69%	96.81%
Wildomar	17186	99.68%	98.57%
Tehachapi	12411	99.68%	97.91%
Saddleback	1127	99.65%	97.60%
Bishop/Mammoth	4173	99.62%	96.93%
Kernville	14719	99.57%	96.73%
Covina	14296	99.48%	97.45%
Antelope Valley	11636	99.37%	96.15%
Foothill	895	99.33%	96.54%
Montebello	2132	99.30%	96.58%
Thousand Oaks	22372	99.26%	96.33%
Arrowhead	50426	99.14%	94.11%
Ventura	22311	99.05%	95.53%
Palm Springs	2458	98.98%	95.12%
Santa Ana	722	98.89%	95.01%
Long Beach	3611	98.84%	96.04%
Menifee	28007	98.78%	94.82%
Compton	2523	98.77%	97.11%
Victorville	4457	98.74%	94.12%
Valencia	8918	98.54%	94.01%
South Bay	15581	97.98%	92.15%
Monrovia	12203	97.91%	89.54%
Santa Barbara	12799	97.78%	91.87%
Redlands	19465	97.64%	88.81%
Santa Monica	2955	97.43%	92.28%

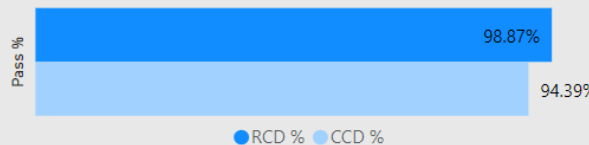
Distribution

Transmission

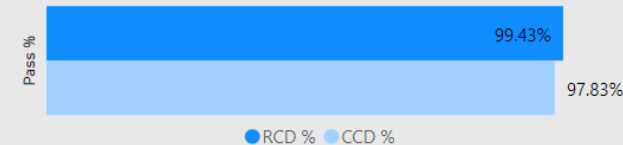
Clearance Pass % by Rolling 12-Month Period (2021)



HFRA Clearance Pass %



Non HFRA Clearance Pass %



Total Trees Inspected

324458

Overall RCD Pass %

98.98%

Overall CCD Pass %

95.04%

NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

Compliance Zone		HFRA	D	Compliance Zone		HFRA	Non-HFRA
T	RCD = Regulation Clearance Distance	10'		RCD = Regulation Clearance Distance	4'	18"	
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VM Performance – T & D 80%/20% (Rolling 12 months)

VM Lead: Bill

Routine & Cyclebuster - QC Results

Distribution

Transmission

Fire Risk Area

All

Tree Contractor

All

Inspection Contractor

All

Total Trees Inspected

404467

Overall RCD Pass %

98.93%

Overall CCD Pass %

95.19%

Total Trees Inspected

31735

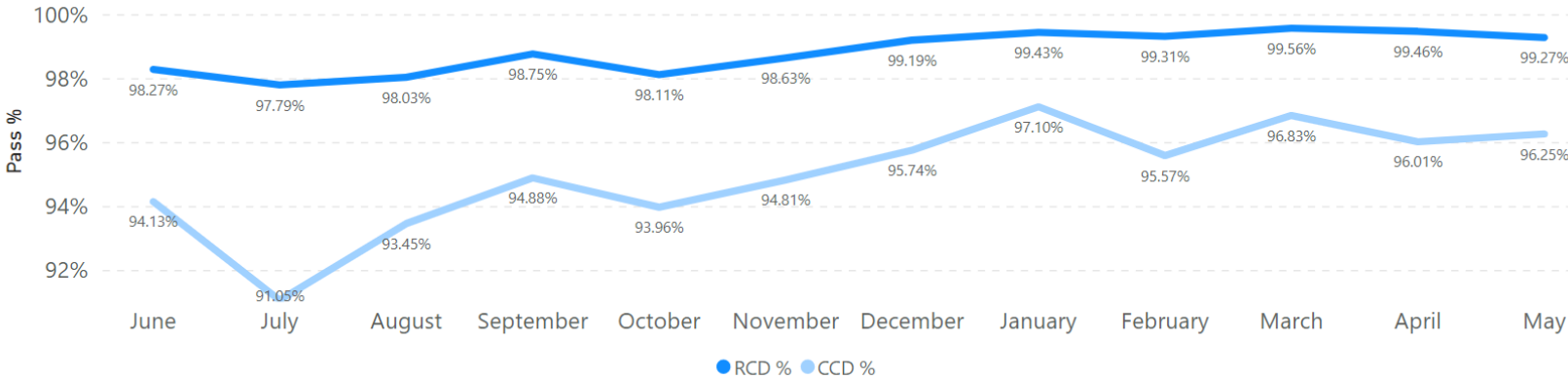
Overall RCD Pass %

98.10%

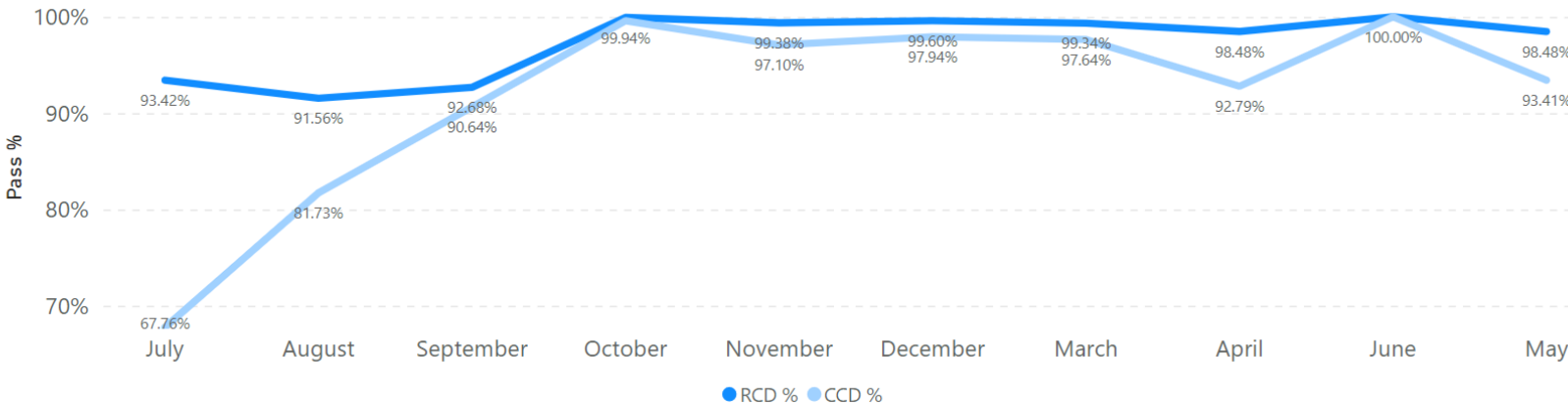
Overall CCD Pass %

93.59%

Routine QC (1-3 months post-trimming)



Cyclebuster QC (greater than 3 months post-trimming)



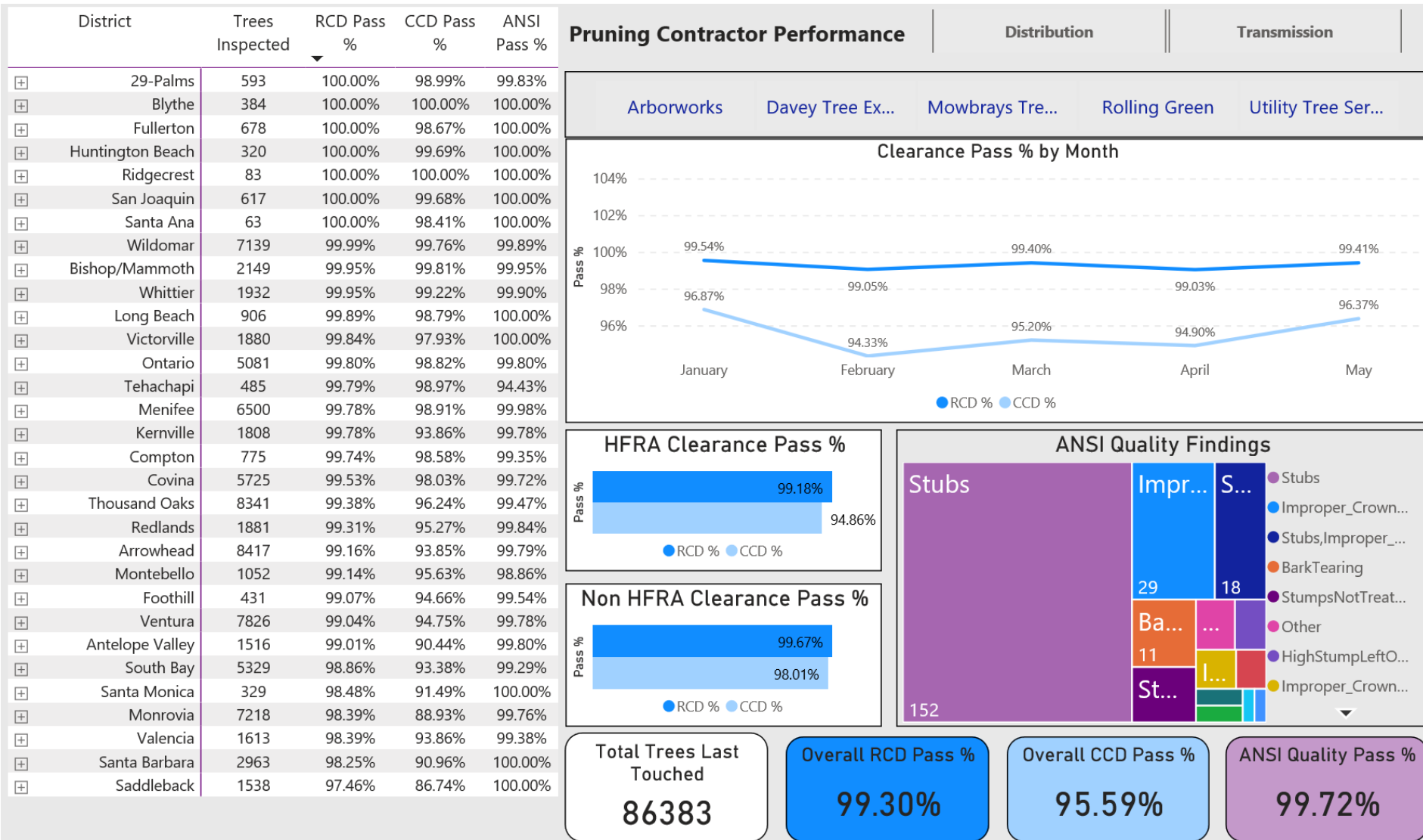
NOTE: RCD & CCD results indicate tree condition clearance at time of QC, not at time of trim

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APPENDIX – Contractor Performance Trending

2021 YTD

Pruning Contractor – Overall Performance (T&D)



Pruning Contractor – Overall Performance (Transmission)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
Antelope Valley	87	100.00%	82.76%	100.00%
Menifee	73	100.00%	100.00%	100.00%
Redlands	64	100.00%	96.88%	98.44%
Santa Ana	63	100.00%	98.41%	100.00%
Santa Barbara	250	100.00%	100.00%	100.00%
Santa Monica	50	100.00%	100.00%	100.00%
South Bay	8	100.00%	100.00%	100.00%
Tehachapi	1	100.00%	100.00%	100.00%
Ventura	82	100.00%	100.00%	100.00%
Victorville	21	100.00%	85.71%	100.00%
Whittier	97	100.00%	100.00%	98.97%
Wildomar	6	100.00%	100.00%	100.00%
Ontario	493	99.80%	99.59%	100.00%
Valencia	363	99.45%	96.97%	98.90%
Monrovia	59	98.31%	98.31%	100.00%
Saddleback	797	95.61%	77.04%	100.00%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

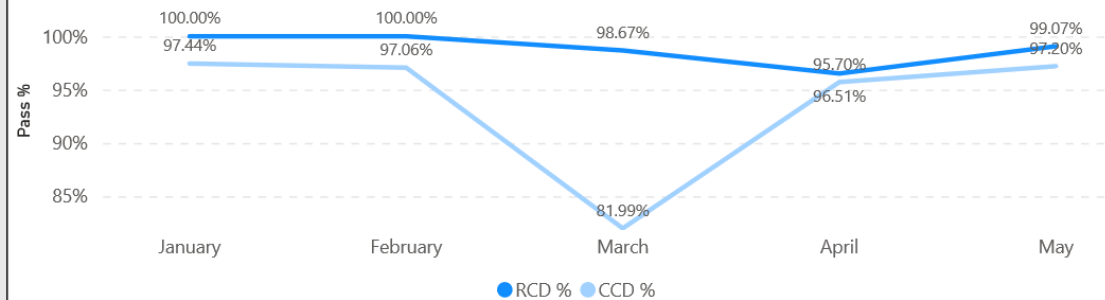
Davey Tree Ex...

Mowbrays Tre...

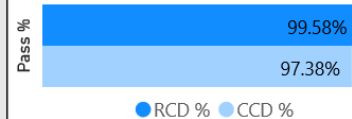
Rolling Green

Utility Tree Ser...

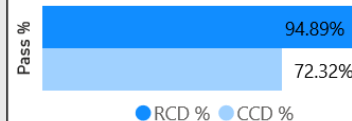
Clearance Pass % by Month



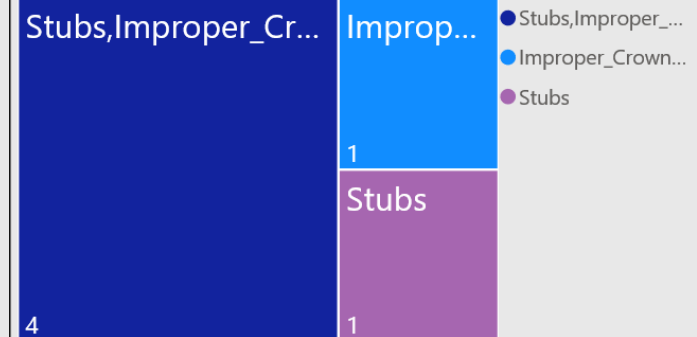
HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

2520

Overall RCD Pass %

98.45%

Overall CCD Pass %

91.33%

ANSI Quality Pass %

99.76%

Pruning Contractor – Arborworks (Transmission)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
Tehachapi	1	100.00%	100.00%	100.00%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

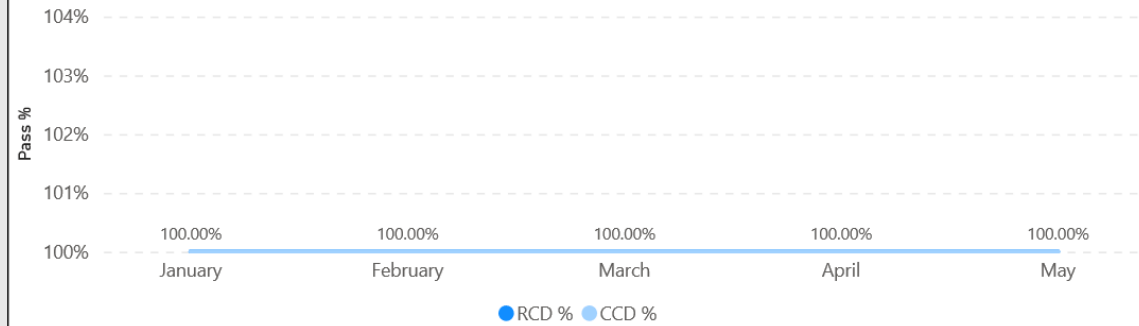
Davey Tree Ex...

Mowbrays Tre...

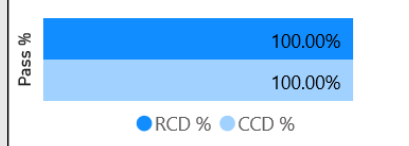
Rolling Green

Utility Tree Ser...

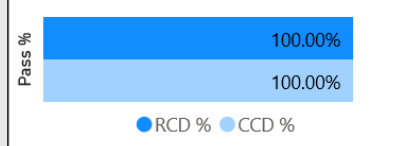
Clearance Pass % by Month



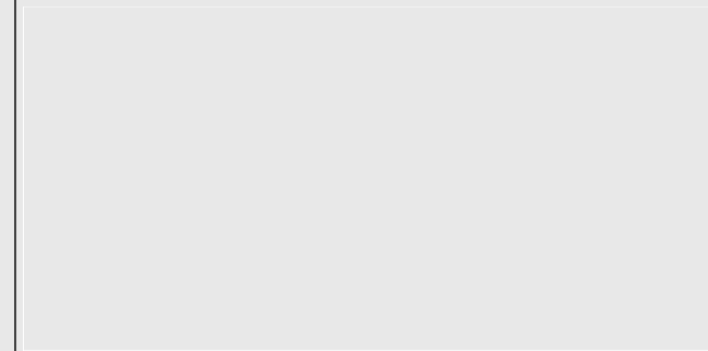
HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

1

Overall RCD Pass %

100.00%

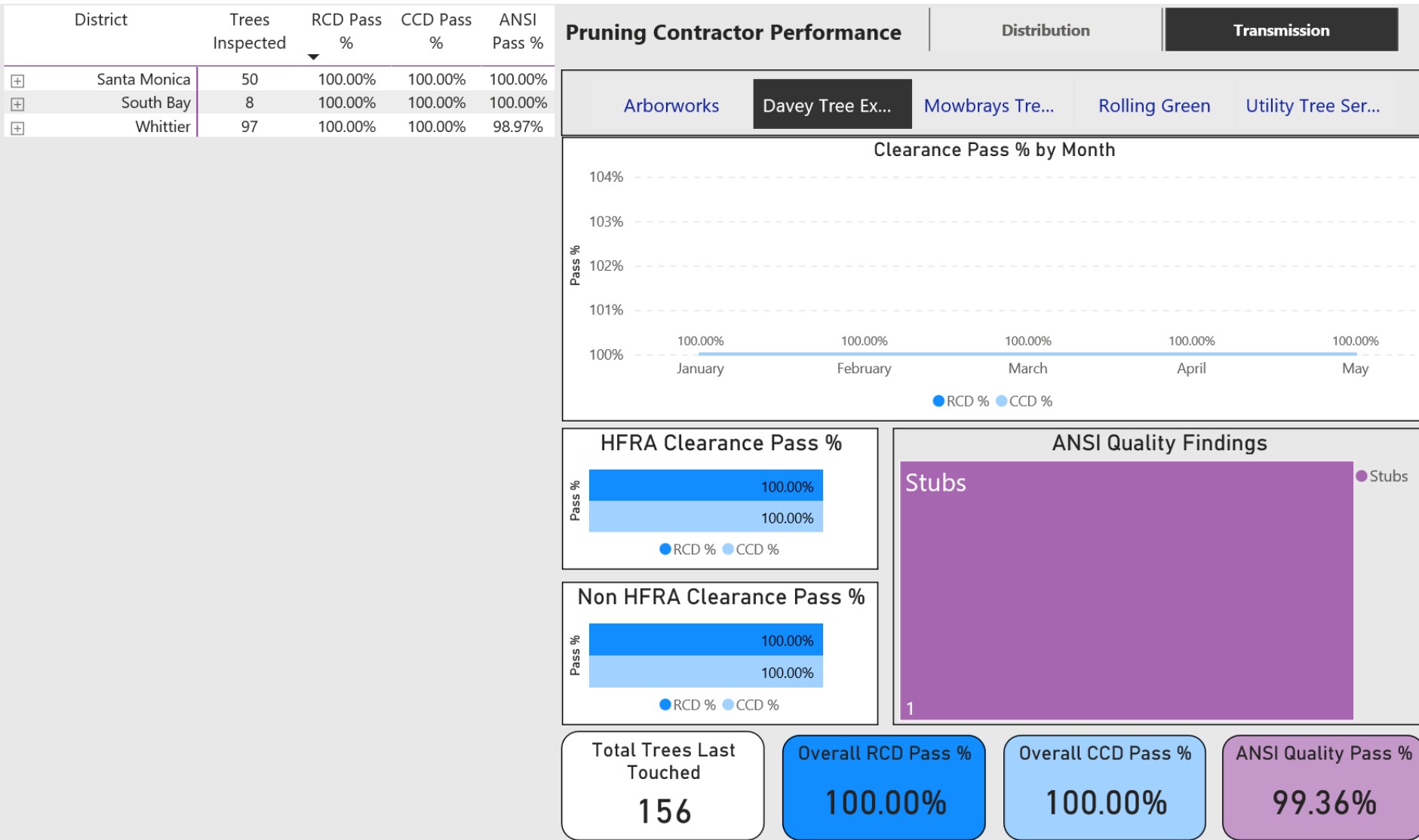
Overall CCD Pass %

100.00%

ANSI Quality Pass %

100.00%

Pruning Contractor – Davey Tree Experts (Transmission)



Pruning Contractor – Mowbrays Tree Service (Transmission)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
Antelope Valley	87	100.00%	82.76%	100.00%
Menifee	73	100.00%	100.00%	100.00%
Redlands	64	100.00%	96.88%	98.44%
Victorville	21	100.00%	85.71%	100.00%
Wildomar	6	100.00%	100.00%	100.00%
Valencia	363	99.45%	96.97%	98.90%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

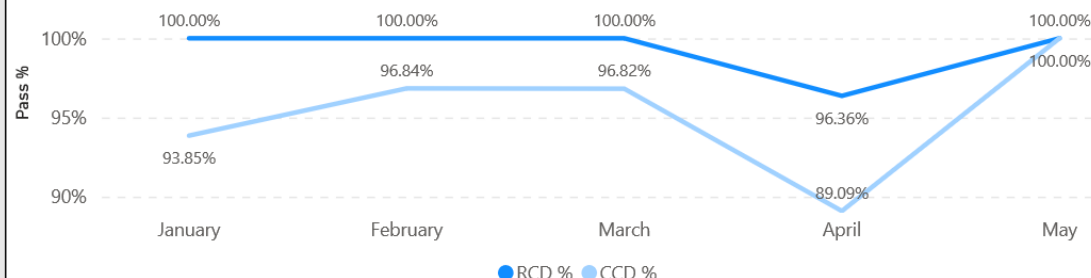
Davey Tree Ex...

Mowbrays Tre...

Rolling Green

Utility Tree Ser...

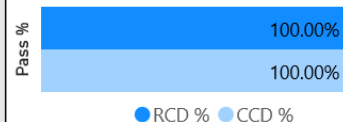
Clearance Pass % by Month



HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

616

Overall RCD Pass %

99.67%

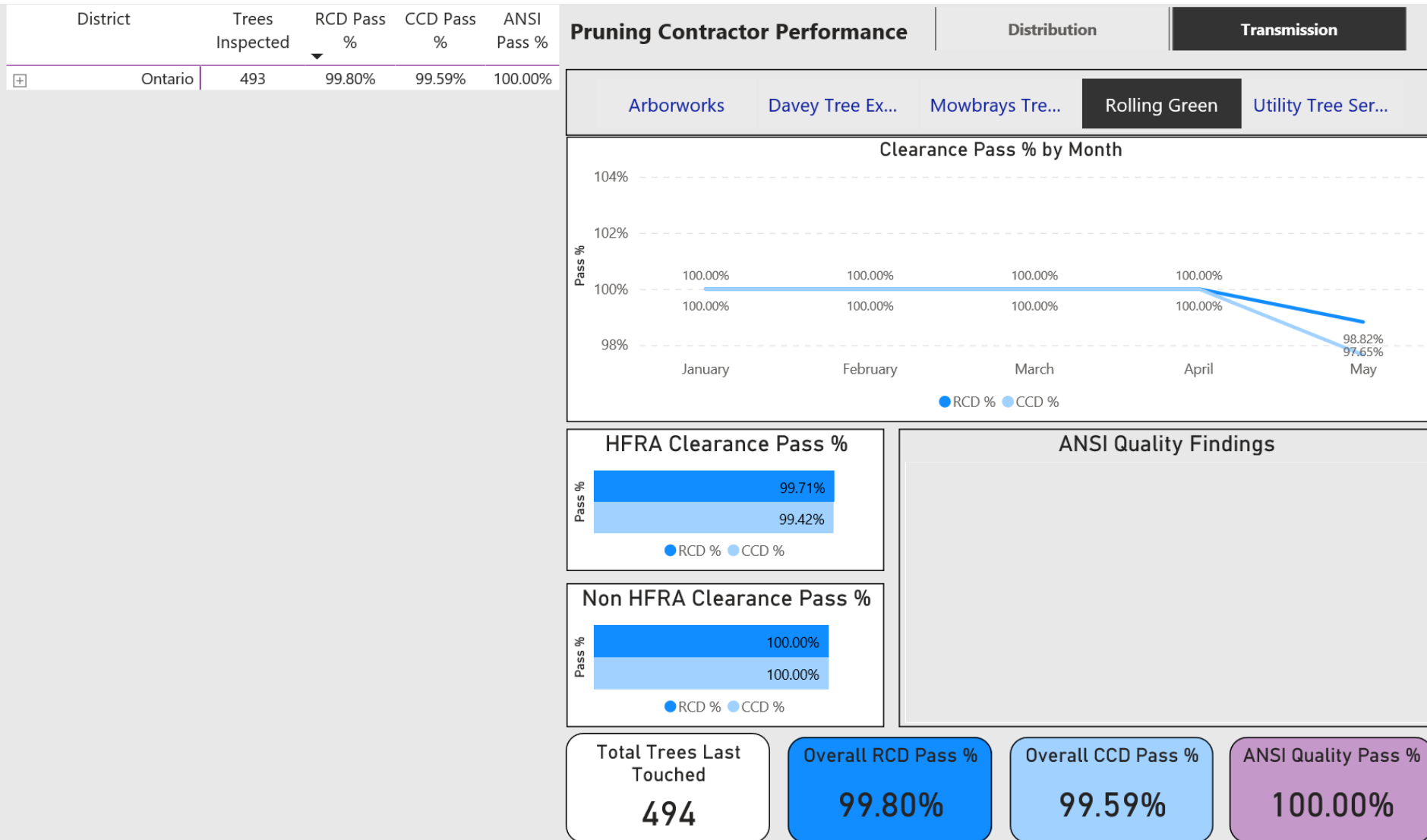
Overall CCD Pass %

94.95%

ANSI Quality Pass %

99.19%

Pruning Contractor – Rolling Green (Transmission)



Pruning Contractor – Utility Tree Service (Transmission)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
Santa Ana	63	100.00%	98.41%	100.00%
Santa Barbara	250	100.00%	100.00%	100.00%
Ventura	82	100.00%	100.00%	100.00%
Monrovia	59	98.31%	98.31%	100.00%
Saddleback	797	95.61%	77.04%	100.00%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

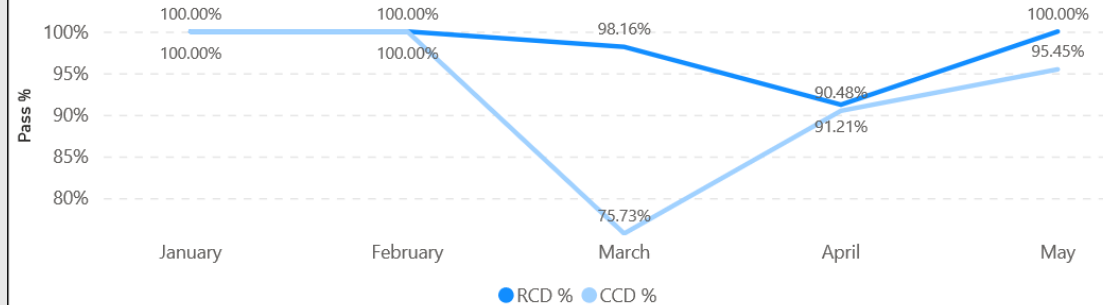
Davey Tree Ex...

Mowbrays Tre...

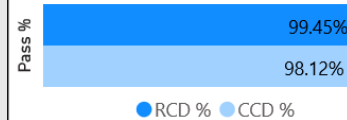
Rolling Green

Utility Tree Ser...

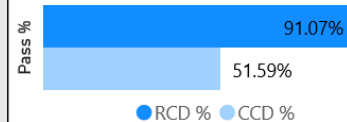
Clearance Pass % by Month



HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings

Total Trees Last Touched
1253

Overall RCD Pass %

97.12%

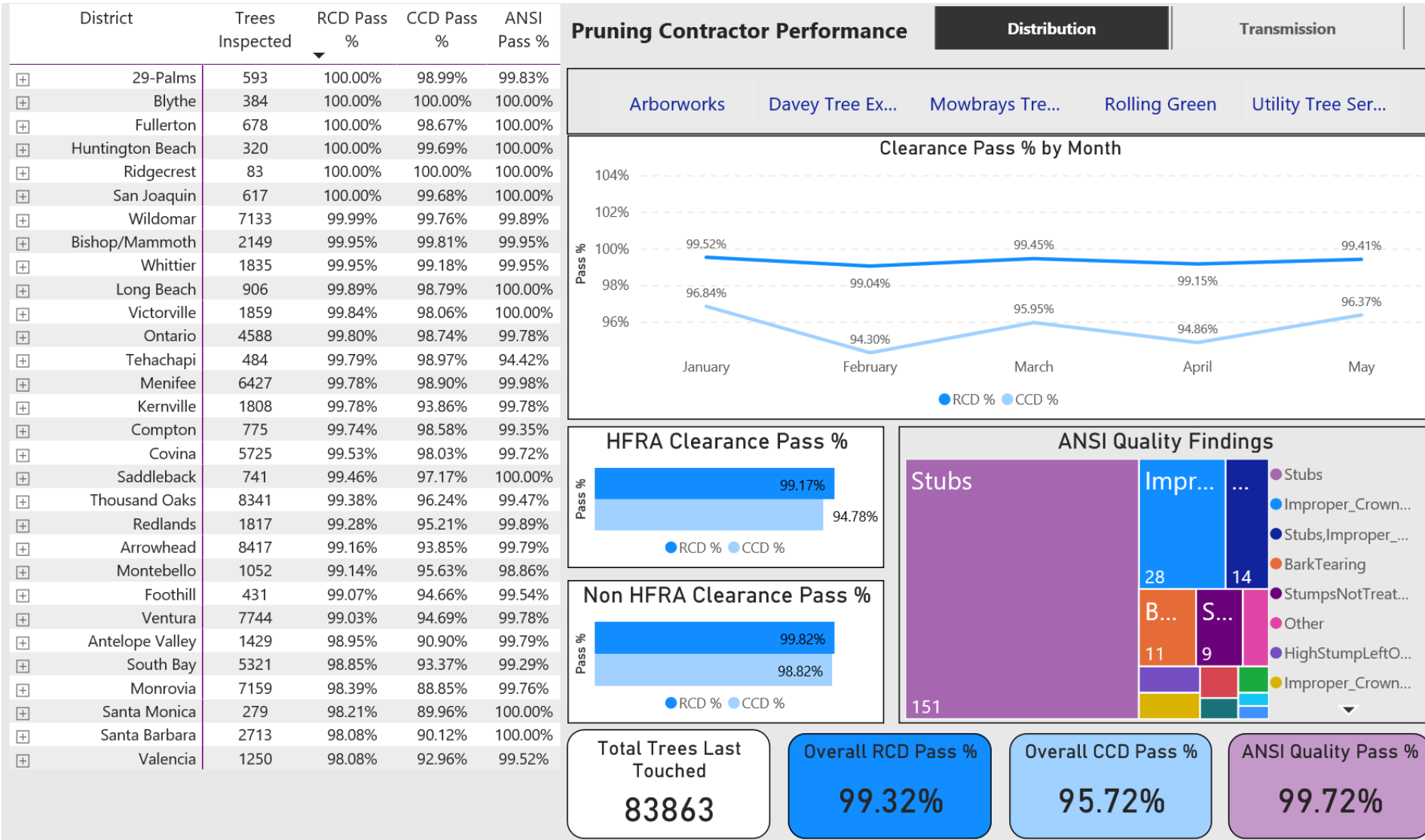
Overall CCD Pass %

85.21%

ANSI Quality Pass %

100.00%

Pruning Contractor – Overall Performance (Distribution)



Pruning Contractor – Arborworks (Distribution)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
29-Palms	593	100.00%	98.99%	99.83%
Blythe	384	100.00%	100.00%	100.00%
Ridgecrest	83	100.00%	100.00%	100.00%
Bishop/Mammoth	2149	99.95%	99.81%	99.95%
Tehachapi	484	99.79%	98.97%	94.42%
Kernville	1808	99.78%	93.86%	99.78%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

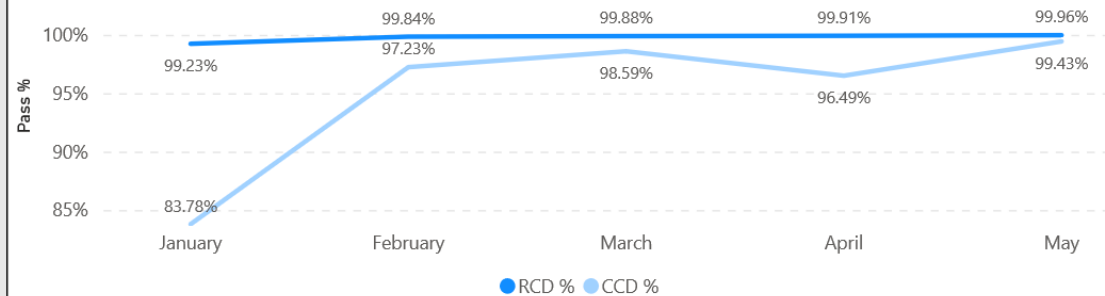
Davey Tree Ex...

Mowbrays Tre...

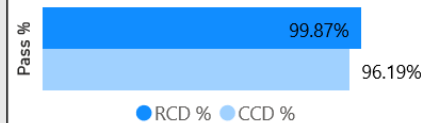
Rolling Green

Utility Tree Ser...

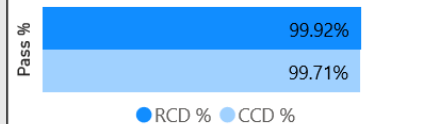
Clearance Pass % by Month



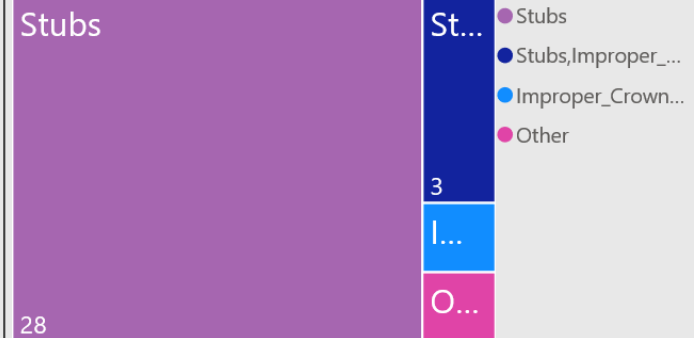
HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

5519

Overall RCD Pass %

99.89%

Overall CCD Pass %

97.71%

ANSI Quality Pass %

99.40%

Pruning Contractor – Davey Tree Experts (Distribution)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
Whittier	1835	99.95%	99.18%	99.95%
Long Beach	906	99.89%	98.79%	100.00%
Compton	775	99.74%	98.58%	99.35%
South Bay	5321	98.85%	93.37%	99.29%
Santa Monica	279	98.21%	89.96%	100.00%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

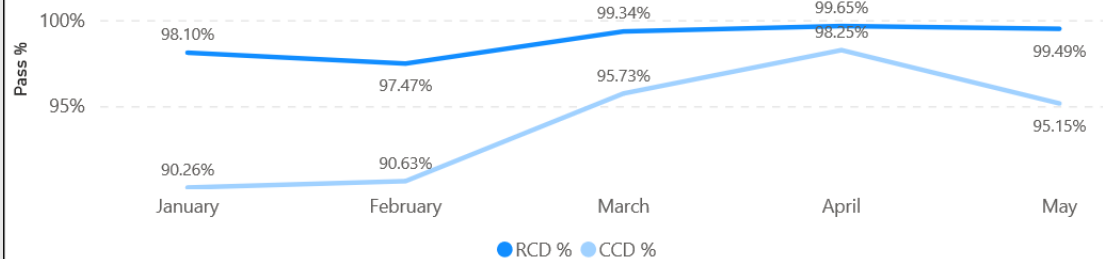
Davey Tree Ex...

Mowbrays Tre...

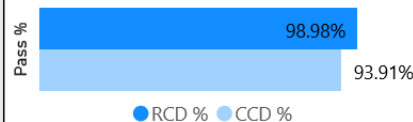
Rolling Green

Utility Tree Ser...

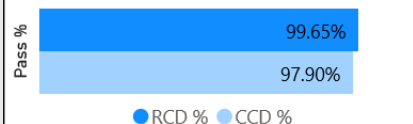
Clearance Pass % by Month



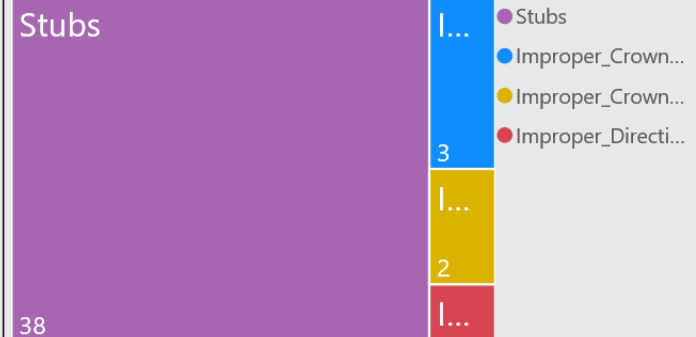
HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

9197

Overall RCD Pass %

99.23%

Overall CCD Pass %

95.41%

ANSI Quality Pass %

99.52%

Pruning Contractor – Mowbrays Tree Service (Distribution)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
San Joaquin	617	100.00%	99.68%	100.00%
Wildomar	7133	99.99%	99.76%	99.89%
Victorville	1859	99.84%	98.06%	100.00%
Menifee	6427	99.78%	98.90%	99.98%
Thousand Oaks	8341	99.38%	96.24%	99.47%
Redlands	1817	99.28%	95.21%	99.89%
Arrowhead	8417	99.16%	93.85%	99.79%
Foothill	431	99.07%	94.66%	99.54%
Antelope Valley	1429	98.95%	90.90%	99.79%
Valencia	1250	98.08%	92.96%	99.52%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

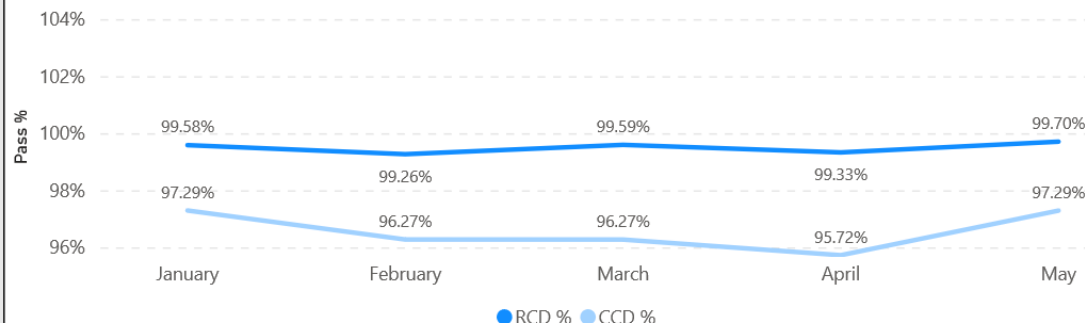
Davey Tree Ex...

Mowbrays Tre...

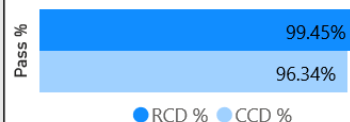
Rolling Green

Utility Tree Ser...

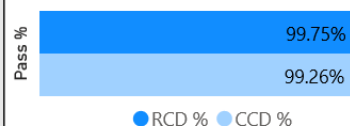
Clearance Pass % by Month



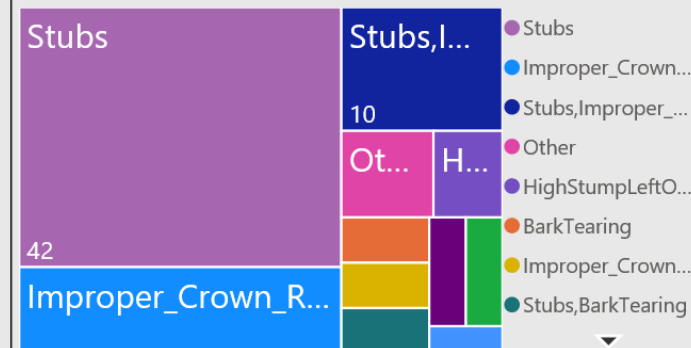
HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched
38136

Overall RCD Pass %
99.48%

Overall CCD Pass %
96.59%

ANSI Quality Pass %
99.78%

Pruning Contractor – Rolling Green (Distribution)

District		Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
+	Ontario	4588	99.80%	98.74%	99.78%
+	Covina	5725	99.53%	98.03%	99.72%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

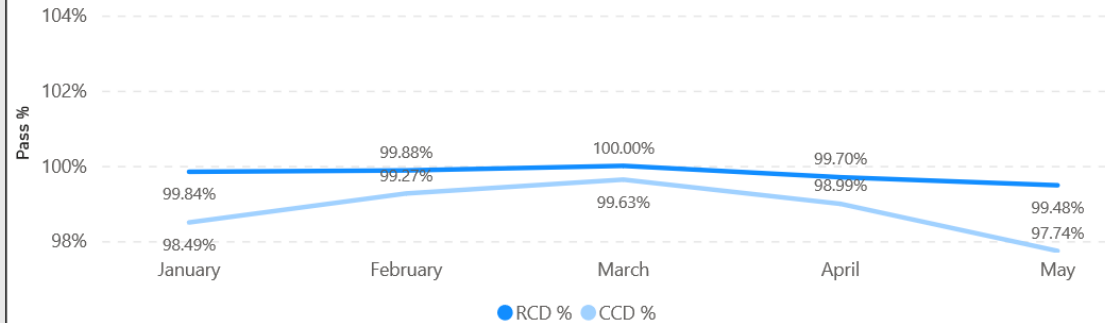
Davey Tree Ex...

Mowbrays Tre...

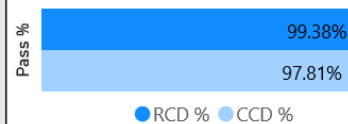
Rolling Green

Utility Tree Ser...

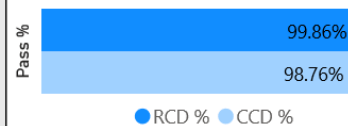
Clearance Pass % by Month



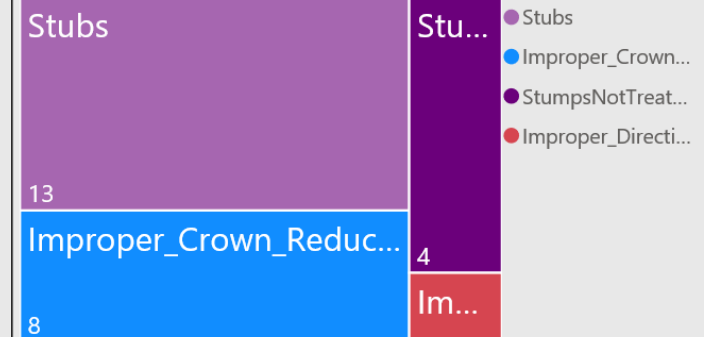
HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

10355

Overall RCD Pass %

99.65%

Overall CCD Pass %

98.34%

ANSI Quality Pass %

99.75%

Pruning Contractor – Utility Tree Service (Distribution)

District	Trees Inspected	RCD Pass %	CCD Pass %	ANSI Pass %
Fullerton	678	100.00%	98.67%	100.00%
Huntington Beach	320	100.00%	99.69%	100.00%
Saddleback	741	99.46%	97.17%	100.00%
Montebello	1052	99.14%	95.63%	98.86%
Ventura	7744	99.03%	94.69%	99.78%
Monrovia	7159	98.39%	88.85%	99.76%
Santa Barbara	2713	98.08%	90.12%	100.00%

Pruning Contractor Performance

Distribution

Transmission

Arborworks

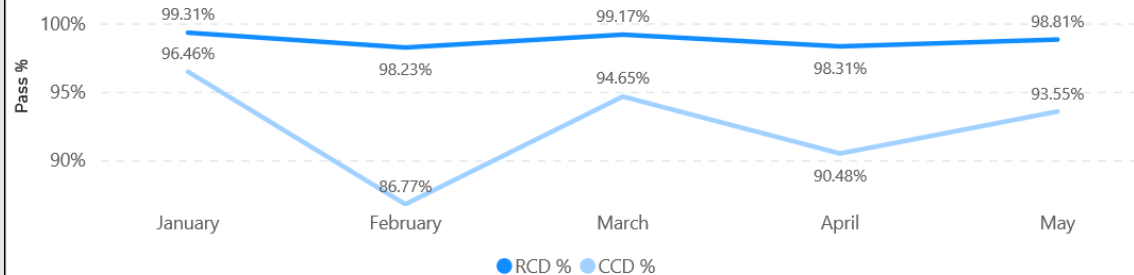
Davey Tree Ex...

Mowbrays Tre...

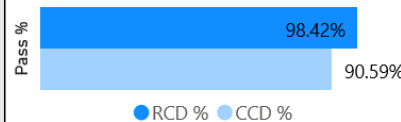
Rolling Green

Utility Tree Ser...

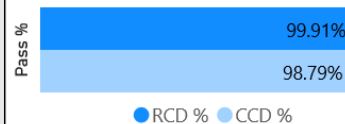
Clearance Pass % by Month



HFRA Clearance Pass %



Non HFRA Clearance Pass %



ANSI Quality Findings



Total Trees Last Touched

20656

Overall RCD Pass %

98.75%

Overall CCD Pass %

92.38%

ANSI Quality Pass %

99.77%

Inspection Contractor – Overall Performance (T&D)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
29-Palms	174	0	100.00%	8	4.60%
Blythe	212	0	100.00%	0	0.00%
Foothill	398	0	100.00%	4	1.01%
Fullerton	189	0	100.00%	0	0.00%
Montebello	151	0	100.00%	6	3.97%
San Joaquin	676	0	100.00%	7	1.04%
Victorville	193	0	100.00%	118	61.14%
Wildomar	947	0	100.00%	9	0.95%
Bishop/Mammoth	1282	1	99.92%	7	0.55%
Antelope Valley	2518	3	99.88%	144	5.72%
Arrowhead	2892	5	99.83%	201	6.95%
Ontario	1538	3	99.80%	26	1.69%
Thousand Oaks	1995	4	99.80%	31	1.55%
Whittier	1399	3	99.79%	0	0.00%
Tehachapi	315	1	99.68%	6	1.90%
Menifee	1757	6	99.66%	30	1.71%
South Bay	2197	8	99.64%	18	0.82%
Kernville	4097	15	99.63%	268	6.54%
Saddleback	245	1	99.59%	0	0.00%
Monrovia	2904	12	99.59%	102	3.51%
Ventura	3961	17	99.57%	68	1.72%
Huntington Beach	219	1	99.54%	0	0.00%
Valencia	627	5	99.20%	23	3.67%
Covina	921	8	99.13%	87	9.45%
Redlands	1707	69	95.96%	94	5.51%
Santa Barbara	1059	44	95.85%	23	2.17%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

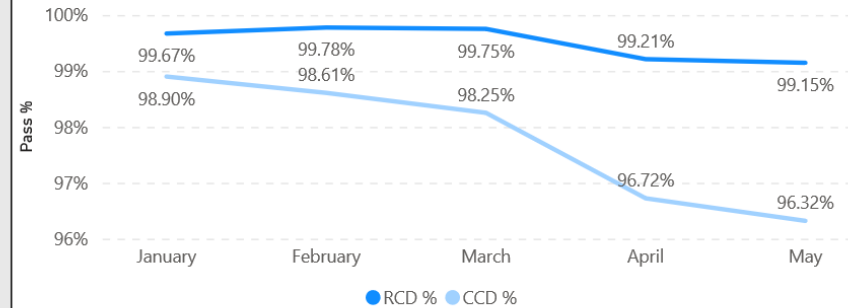
UPE

Total Trees
Last Touched
49183

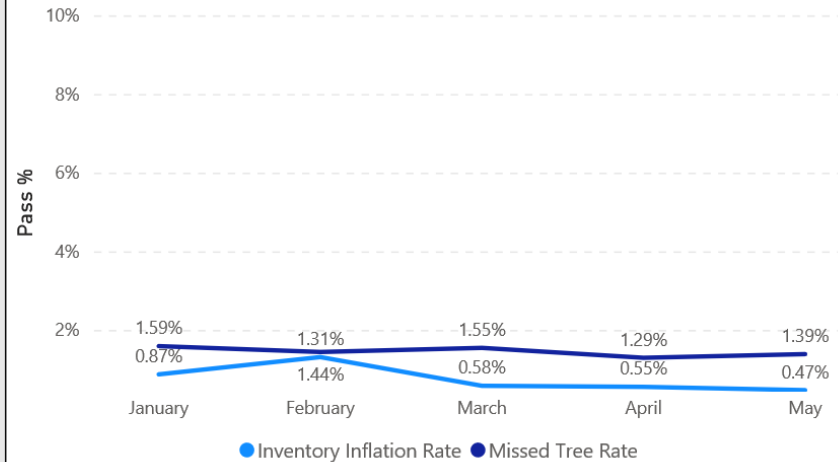
Overall RCD
Pass %
99.49%

Overall CCD
Pass %
97.64%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees
QC'd
139724

Missed Rate
1.44%

Inflation Rate
0.72%

Work Type
Accuracy
98.98%

Species ID
99.22%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – YTD Missed Tree Trend (Transmission)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
Antelope Valley	109	0	100.00%	0	0.00%
Monrovia	699	0	100.00%	0	0.00%
Santa Barbara	276	0	100.00%	0	0.00%
Valencia	119	0	100.00%	3	2.52%
Saddleback	133	1	99.25%	0	0.00%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

UPE

Total Trees
Last Touched

2625

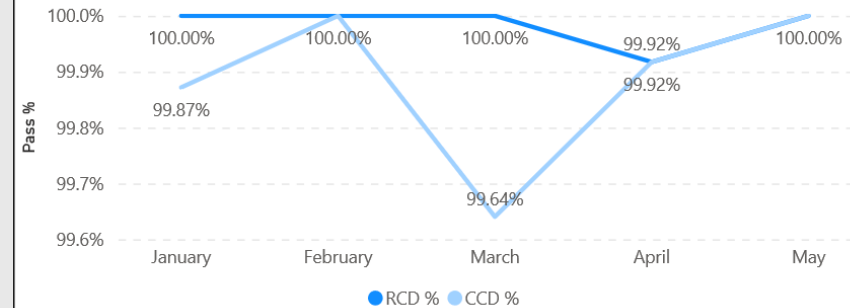
Overall RCD
Pass %

99.96%

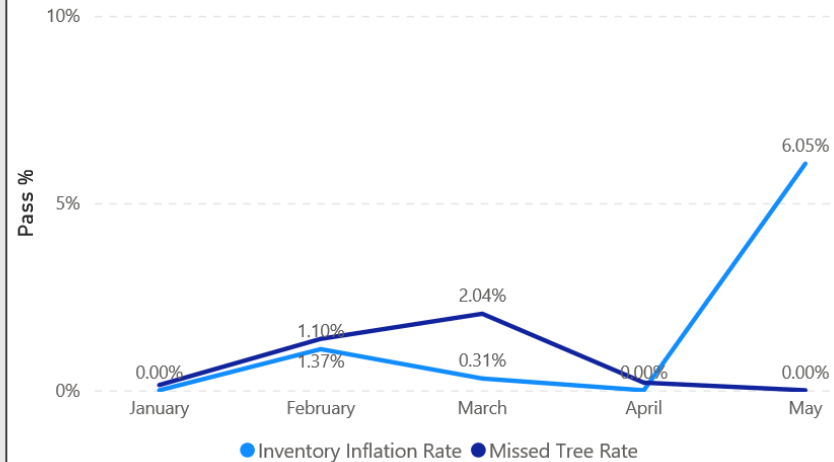
Overall CCD
Pass %

99.89%

Clearance Pass % by Month



Inspection Accuracy Rates by Month

Total Trees
QC'd
5329Missed Rate
0.69%Inflation Rate
0.51%Work Type
Accuracy
99.64%Species ID
99.62%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – ACRT (Transmission)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
Santa Barbara	276	0	100.00%	0	0.00%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

UPE

Total Trees Last Touched

415

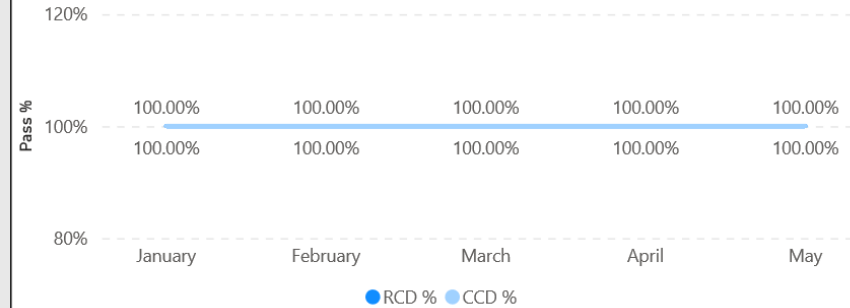
Overall RCD Pass %

100.00%

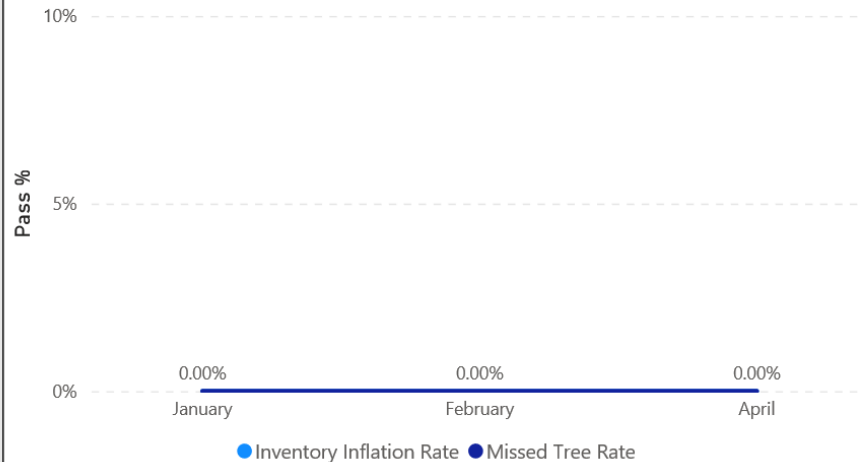
Overall CCD Pass %

100.00%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees QC'd

755

Missed Rate

0.00%

Inflation Rate

0.00%

Work Type Accuracy

100.00%

Species ID

99.74%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – CNUC (Transmission)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
Monrovia	699	0	100.00%	0	0.00%
Saddleback	133	1	99.25%	0	0.00%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

UPE

Total Trees Last Touched

1661

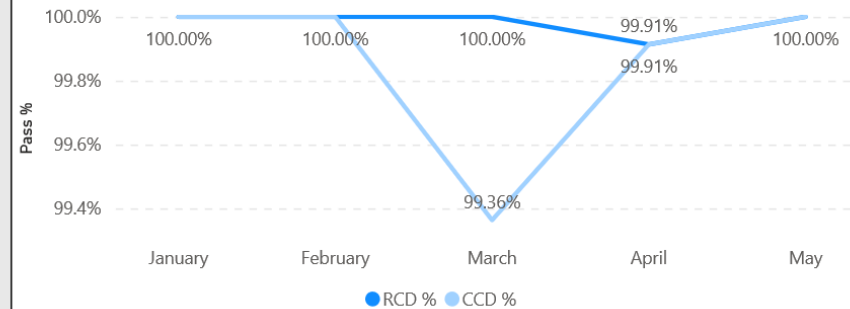
Overall RCD Pass %

99.94%

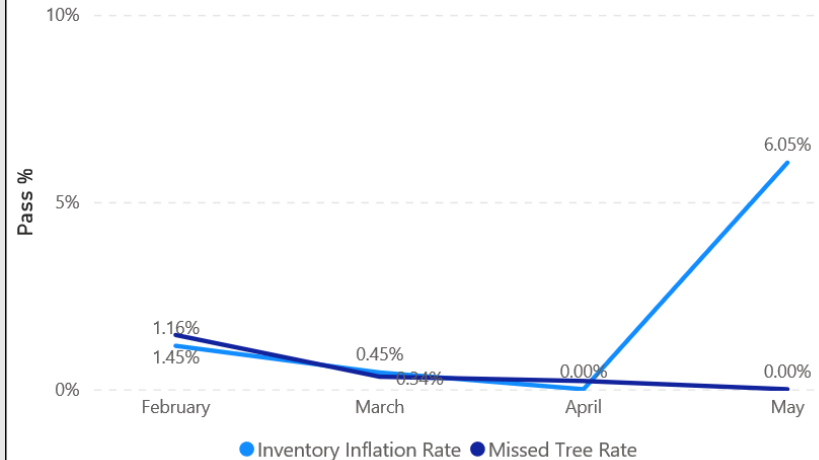
Overall CCD Pass %

99.88%

Clearance Pass % by Month



Inspection Accuracy Rates by Month


 Total Trees QC'd
3368

 Missed Rate
0.36%

 Inflation Rate
0.80%

 Work Type Accuracy
99.52%

 Species ID
99.52%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – Davey (Transmission)

District Trees Inspected RCD Failed Trees RCD Pass % Missed Tree Qty Missed Tree Rate

When tree quantity inspected is less than 100, this table is blank

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

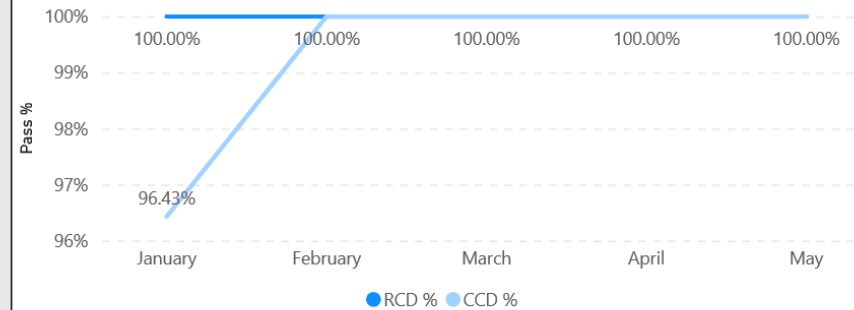
UPE

Total Trees Last Touched
58

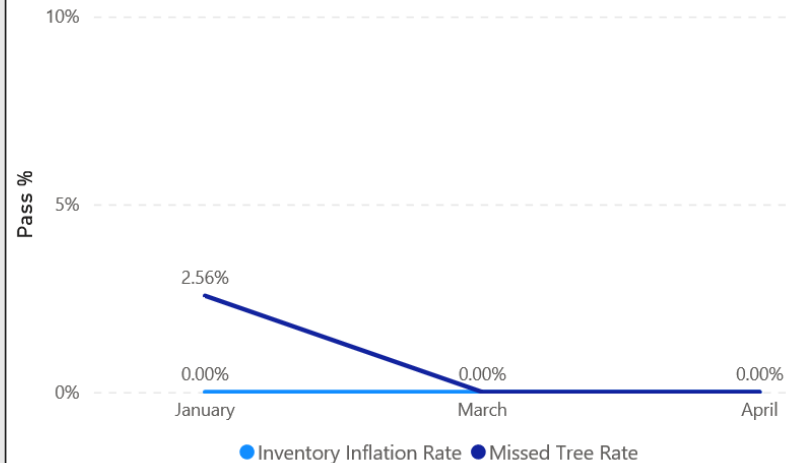
Overall RCD Pass %
100.00%

Overall CCD Pass %
98.28%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees QC'd
221

Missed Rate
0.90%

Inflation Rate
0.00%

Work Type Accuracy
98.64%

Species ID
99.55%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – UPE (Transmission)

	District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
+	Antelope Valley	109	0	100.00%	0	0.00%
+	Valencia	119	0	100.00%	3	2.52%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

UPE

Total Trees Last Touched

491

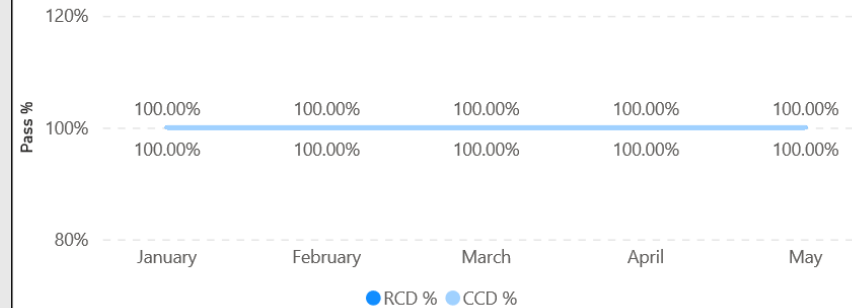
Overall RCD Pass %

100.00%

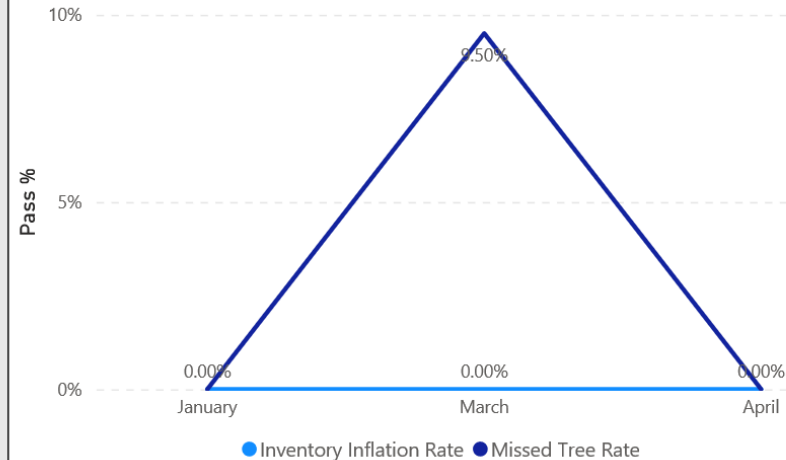
Overall CCD Pass %

100.00%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees QC'd

985

Missed Rate

2.34%

Inflation Rate

0.00%

Work Type Accuracy

100.00%

Species ID

99.90%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – YTD Missed Tree Trend (Distribution)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
29-Palms	174	0	100.00%	8	4.60%
Blythe	212	0	100.00%	0	0.00%
Foothill	398	0	100.00%	4	1.01%
Fullerton	189	0	100.00%	0	0.00%
Montebello	151	0	100.00%	6	3.97%
Saddleback	112	0	100.00%	0	0.00%
San Joaquin	676	0	100.00%	7	1.04%
Victorville	193	0	100.00%	118	61.14%
Wildomar	947	0	100.00%	9	0.95%
Bishop/Mammoth	1282	1	99.92%	7	0.55%
Antelope Valley	2409	3	99.88%	144	5.98%
Arrowhead	2892	5	99.83%	201	6.95%
Ontario	1538	3	99.80%	26	1.69%
Thousand Oaks	1995	4	99.80%	31	1.55%
Whittier	1399	3	99.79%	0	0.00%
Tehachapi	315	1	99.68%	6	1.90%
Menifee	1757	6	99.66%	30	1.71%
South Bay	2197	8	99.64%	18	0.82%
Kernville	4097	15	99.63%	268	6.54%
Ventura	3961	17	99.57%	68	1.72%
Huntington Beach	219	1	99.54%	0	0.00%
Monrovia	2205	12	99.46%	102	4.63%
Covina	921	8	99.13%	87	9.45%
Valencia	508	5	99.02%	20	3.94%
Redlands	1707	69	95.96%	94	5.51%
Santa Barbara	783	44	94.38%	23	2.94%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

UPE

Total Trees
Last Touched

46489

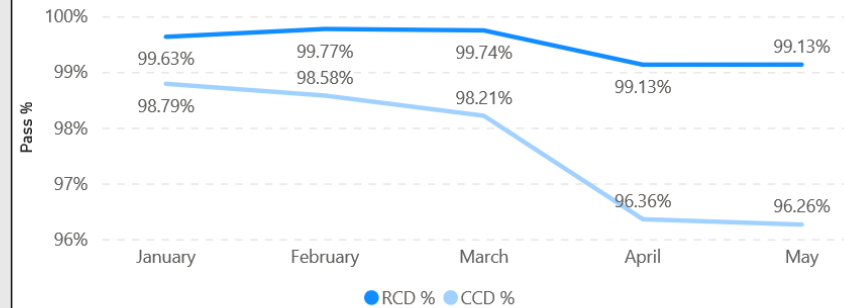
Overall RCD
Pass %

99.46%

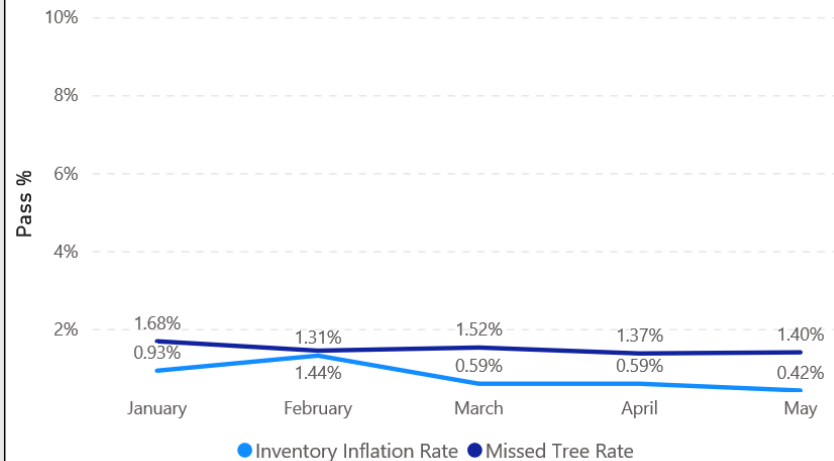
Overall CCD
Pass %

97.51%

Clearance Pass % by Month



Inspection Accuracy Rates by Month

Total Trees
QC'd

134326

Missed Rate

1.47%

Inflation Rate

0.73%

Work Type
Accuracy

98.95%

Species ID

99.21%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – ACRT (Distribution)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
29-Palms	174	0	100.00%	8	4.60%
Blythe	212	0	100.00%	0	0.00%
San Joaquin	676	0	100.00%	7	1.04%
Bishop/Mammoth	1282	1	99.92%	7	0.55%
Tehachapi	315	1	99.68%	6	1.90%
Kernville	4097	15	99.63%	268	6.54%
Ventura	3961	17	99.57%	68	1.72%
Santa Barbara	783	44	94.38%	23	2.94%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

UPE

Total Trees
Last Touched

14389

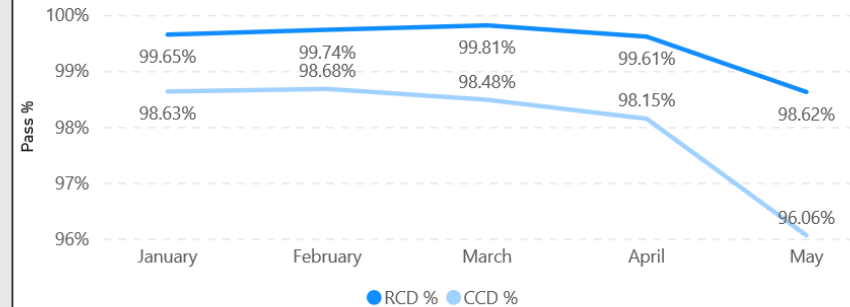
Overall RCD
Pass %

99.43%

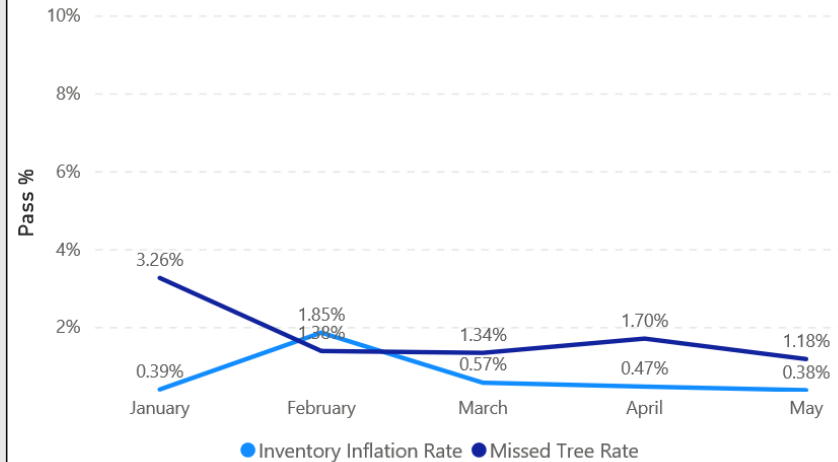
Overall CCD
Pass %

97.85%

Clearance Pass % by Month



Inspection Accuracy Rates by Month

Total Trees
QC'd

32287

Missed Rate

1.64%

Inflation Rate

0.59%

Work Type
Accuracy

99.95%

Species ID

99.53%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – CNUC (Distribution)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
Foothill	398	0	100.00%	4	1.01%
Fullerton	189	0	100.00%	0	0.00%
Montebello	151	0	100.00%	6	3.97%
Saddleback	112	0	100.00%	0	0.00%
Victorville	193	0	100.00%	118	61.14%
Wildomar	947	0	100.00%	9	0.95%
Arrowhead	2892	5	99.83%	201	6.95%
Ontario	1538	3	99.80%	26	1.69%
Menifee	1757	6	99.66%	30	1.71%
Huntington Beach	219	1	99.54%	0	0.00%
Monrovia	2205	12	99.46%	102	4.63%
Covina	921	8	99.13%	87	9.45%
Redlands	1707	69	95.96%	94	5.51%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

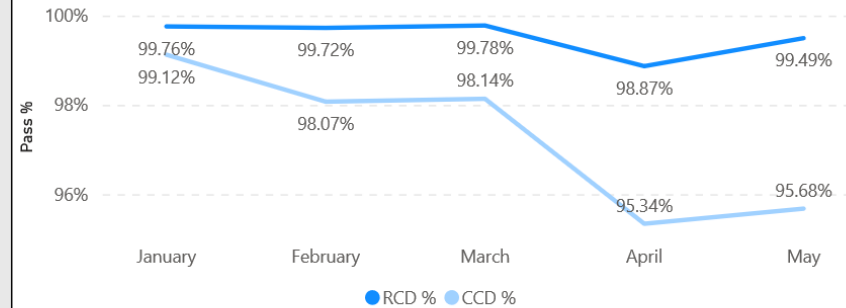
UPE

Total Trees
Last Touched
20727

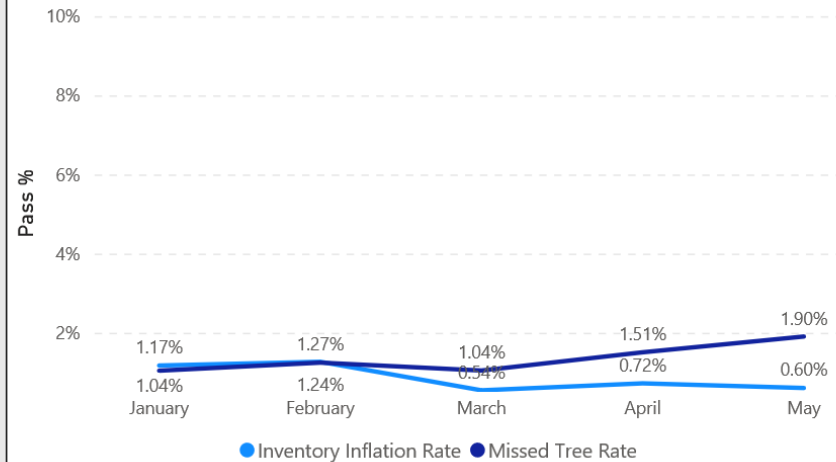
Overall RCD
Pass %
99.40%

Overall CCD
Pass %
96.82%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees
QC'd
68823

Missed Rate
1.39%

Inflation Rate
0.85%

Work Type
Accuracy
98.81%

Species ID
99.31%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – Davey (Distribution)

District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
Whittier	1399	3	99.79%	0	0.00%
South Bay	2197	8	99.64%	18	0.82%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

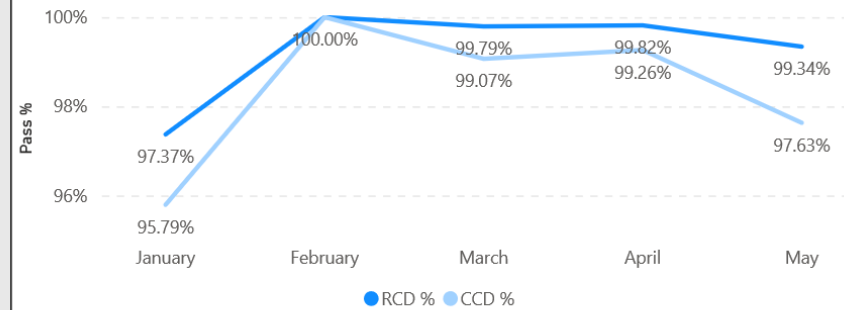
UPE

Total Trees Last Touched
4719

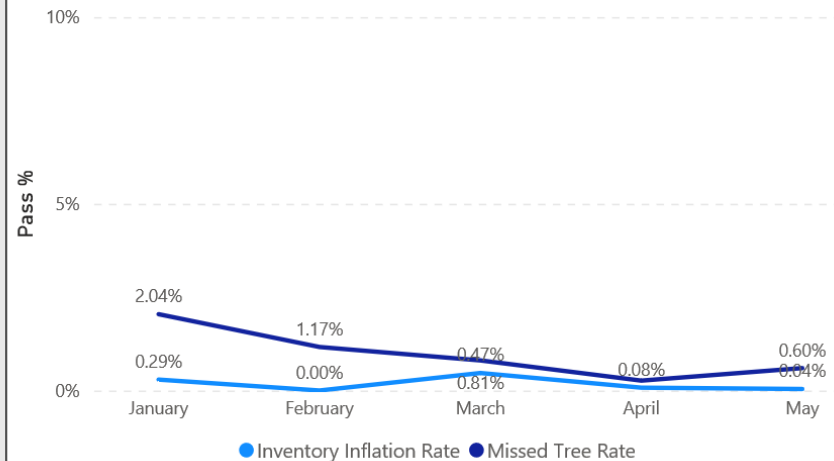
Overall RCD Pass %
99.52%

Overall CCD Pass %
98.41%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees QC'd
14609

Missed Rate
0.72%

Inflation Rate
0.21%

Work Type Accuracy
96.97%

Species ID
99.55%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field

Inspection Contractor – UPE (Distribution)

	District	Trees Inspected	RCD Failed Trees	RCD Pass %	Missed Tree Qty	Missed Tree Rate
+	Antelope Valley	2409	3	99.88%	144	5.98%
+	Thousand Oaks	1995	4	99.80%	31	1.55%
+	Valencia	508	5	99.02%	20	3.94%

Inspection Contractor Performance

Distribution

Transmission

ACRT

CNUC

Davey

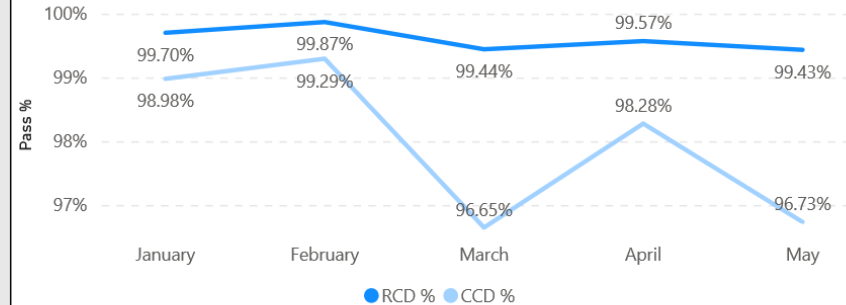
UPE

Total Trees Last Touched
6654

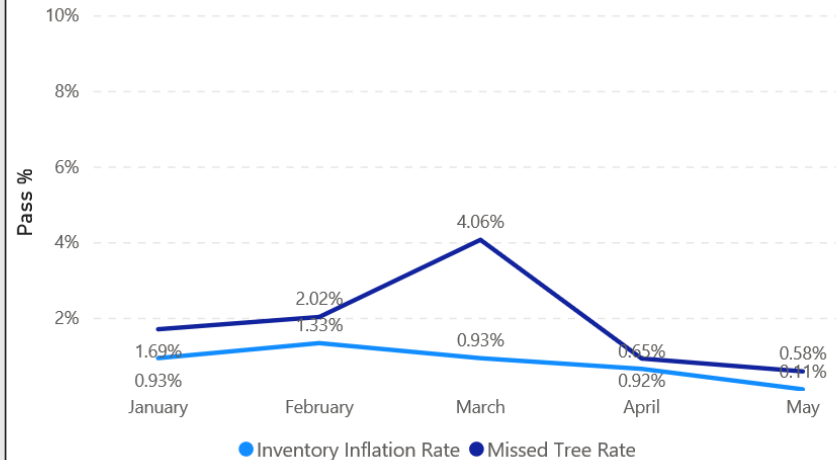
Overall RCD Pass %
99.66%

Overall CCD Pass %
98.28%

Clearance Pass % by Month



Inspection Accuracy Rates by Month



Total Trees QC'd
18607

Missed Rate
2.07%

Inflation Rate
0.92%

Work Type Accuracy
99.29%

Species ID
98.01%

- Missed Tree Quantity: Amount of trees identified by QC but not listed in VM tree database
- Inventory Inflation Quantity: Amount of trees listed in VM database but not located in the field