

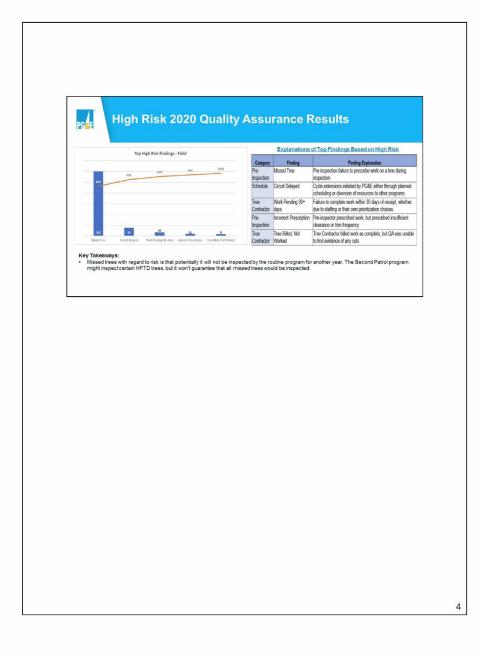


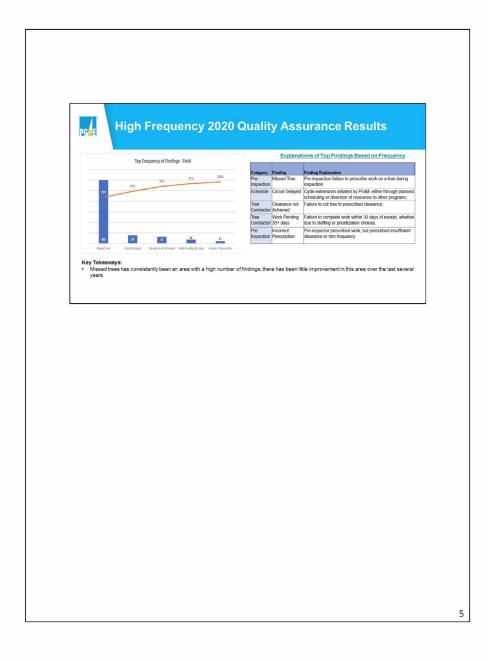


## **Quality Management Key Takeaways**

- Findings associated with PG&E cycle extensions between pruning were largely a carryover of 2019 issues in to early 2020. By mid-2020, these findings had nearly been eliminated.
- The biggest contributor to non-compliance findings continues to be "Missed Tree by Preinspection". This was the primary cause for QM identified non-compliances.
- Tree contractor performance declined from 2019 to 2020. There was a 64% increase in findings with a 17% decrease in number of trees audited. There was also a 19% increase in contractors invoicing trees as complete with no evidence of trimming.

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## 2021 Quality Management Audit Plans

2021 Plan for Veg Quality Assurance

QA has doubled the number of distribution compliance audits conducted while decreasing the average audit size by 40%. Overall, this will result in an increase in sampled milange in freeze compared with provious years, which will allow the QA group to provide more frequent, timely floodback to VM operations throughout the transition to Defined Scope. QA is collecting additional data on missed trees in 2021 in order to provide better trending information and offw more meaningful corrective action. QA is also performing audits on both VM transmission programs as well as the Vegetation Control Pole Cleaning program.

QA also has a process assessment function that will perform audits throughout 2021. The intent is to review effectiveness of internal procedures and employee and contractor knowledge-dehenore. This includes two audits on the EVM program (One in Q1, and one in Q4). Scope is currently being developed for the Q1 audit, and ordective with the solid office must be also prior to setting a scope for the Q4 and can be considered from stather/desting prior to setting a scope for the Q4 and can be considered with the solid from stather/desting prior to setting a scope for the Q4 and can be considered with the solid from stather/desting prior to setting a scope for the Q4 and can be considered with the prior to the Q4 and can be considered with the Q4 and

Transmission & Distribution	Pre-Inspection (PI)
	Tree Trimming (TT)
	Mid-Cycle (MC)
Transmission	Orchard - Focus
Distribution	EVM Work Verification
	CEMA 2 <sup>nd</sup> Patrol PI
	CEMA 2 <sup>nd</sup> Patrol TT
VC - Pole Clearing	Clear Only
	Chem
	Warranty
	VMA/1255/ICA - Focus

2021 Plan for Veg Quality Verification
QV will increase the frequency of EVM WV reviews and will continue performing reviews on the programs as seen in the table

A \*Review = Is location-based consisting of an Address, Segment, Span, Source Side Device (SSD), pole. Sample methodologies vary deparating on review types.

Pre-Inspection (Pi) = Previous week of Plocations where trees Island for work.

Tree Trim (TT) = Previous 3 weeks of locations where work has been invoiced as complete.

Mid-Cybc = Circuits with Ti completion dates 5-7 months prior.

Poles (VC) — Completed projects for Area Work Groups sampled.