

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

FAC Recommendation Update

High Priority Assessments

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RELIABILITY | ACCOUNTABILITY



Background on Alert:

- A vegetation contact by a Transmission Owner identified actual **field conditions that varied significantly from design assumptions** – to the point where some facility ratings were considered inaccurate or in question.
- Follow-up resulted in the conclusion that this **situation was not restricted to one entity or region.**
- As a result, NERC issued an Alert Recommendation to proactively identify other such conditions and **promote corrective actions.**

FAC Alert Milestones:

- October 7, 2010 - Original Alert issued
- October 28, 2010 and November 29, 2010 – Informational webinars
- November 30, 2010 - Revised Alert / Gerry Cauley Letter
- January 14, 2011 - Q&A document issued
- April 26, 2011 – Assessment Plan Review Criteria issued
- May 12, 2011 – Webinar: Discussed Assessment Plan Review Criteria and reporting by owners
- June 16, 2011 – Published webinar participant Q&A

FAC Alert Milestones:

- July 15, 2011 – First “high” priority assessment due date
- September 22, 2011 webinar- results from July 2011 report
- January 15, 2012- Second assessment report on high priority transmission lines submitted by transmission owners.
- March 20, 2012- Update webinar provided to Industry to share results of the second “high priority” owner assessments performed.

Spreadsheet Enhancements since July 2011 Report :

- Added *Entity Info* Tab accepting “Medium” and “Low” priority response information
- Added drop down boxes for user to select options for: *Inspection Type, Rated KV, Discrepancy Category, Remediation Category*, etc.
- Summary Tab to request “totals” information
- Added data dictionary to help explain the information being requested.
- “Hover Over” text provided for each cell.

Second “High Priority” Assessment Responses:

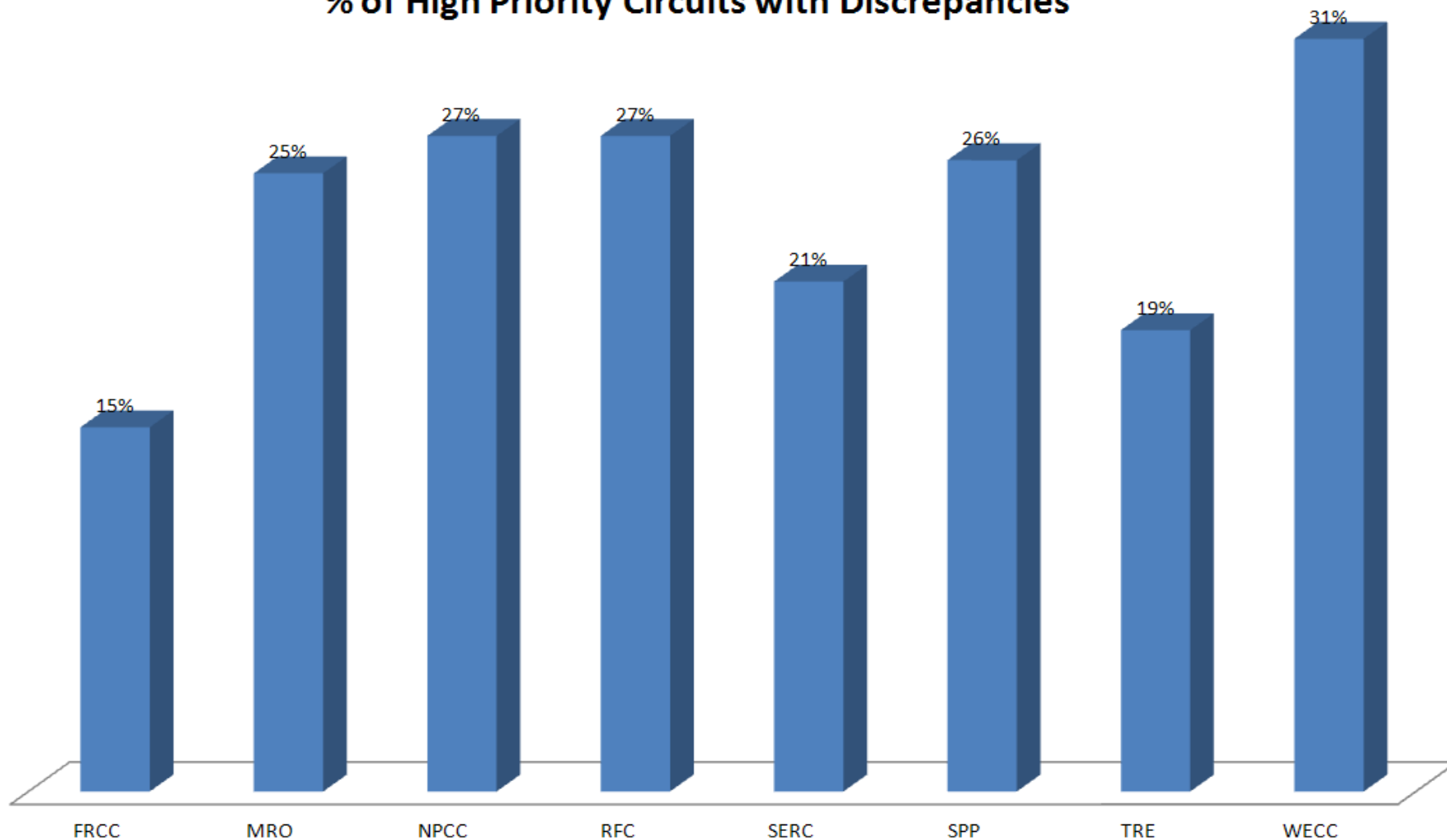
On **January 15, 2012**, the Regional Entities received the second of two “high priority” assessment responses from 200 NERC Facility Owners:

- Approximately **4,300 circuits** were assessed.
- Approximately **73,000 miles** of line were assessed.
- Approximately **5,100 discrepancies** were discovered. Of these discrepancies, approximately **42% have been mitigated** as of January 15, 2012.
- Approximately 10% of owners requested an extension. Most are due to Lidar vendors not completing their analysis.

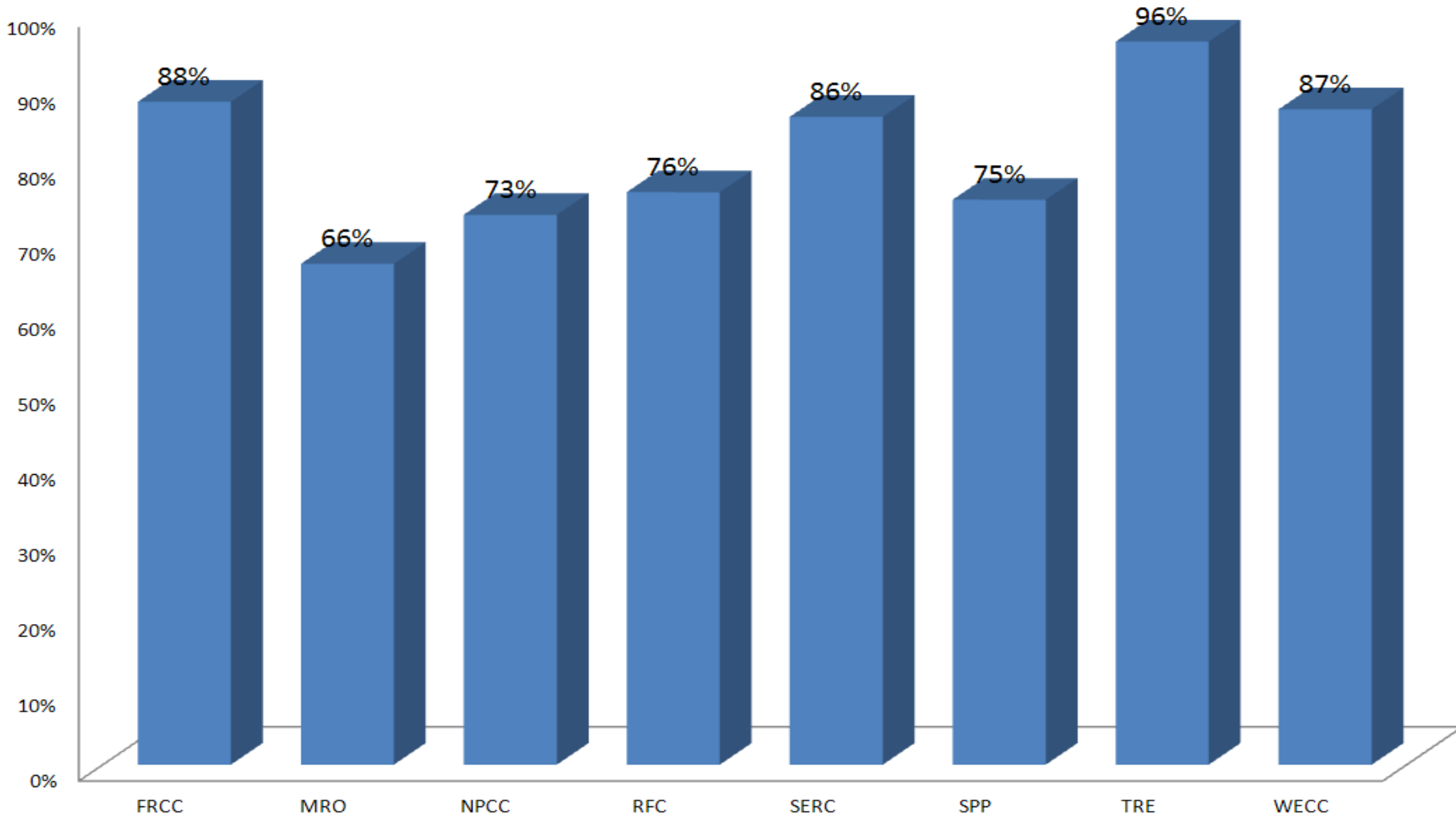
Second “High Priority” Assessment Responses

- The owners requesting an extension rank high in miles of ownership of high priority transmission lines. For example, in one Region two of the largest line owners requested extensions.
- Therefore, NERC will revise the data in mid June 2012 to include the additional information from the entities granted an extension. The updated information will be posted to the FAC page on the NERC website.

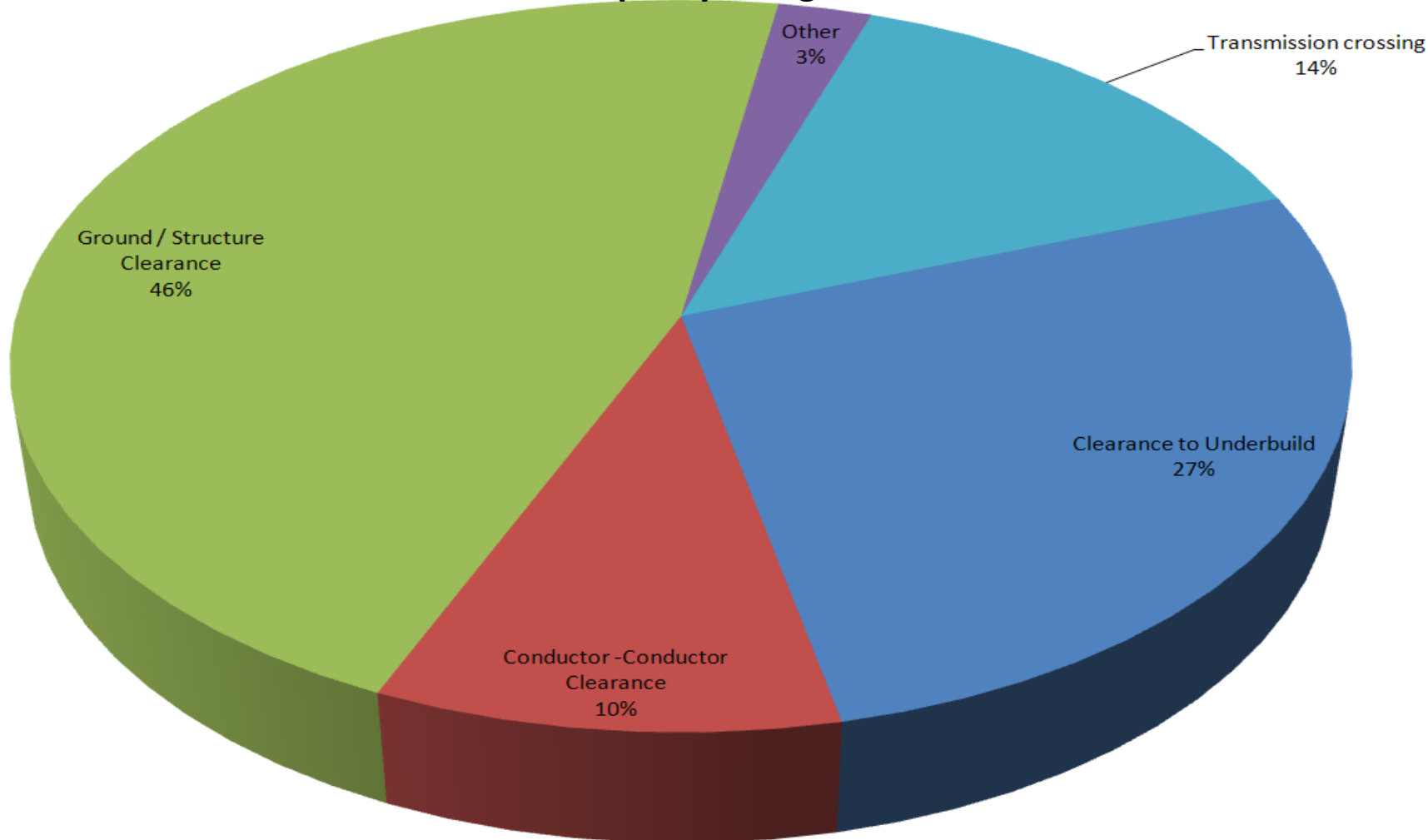
% of High Priority Circuits with Discrepancies



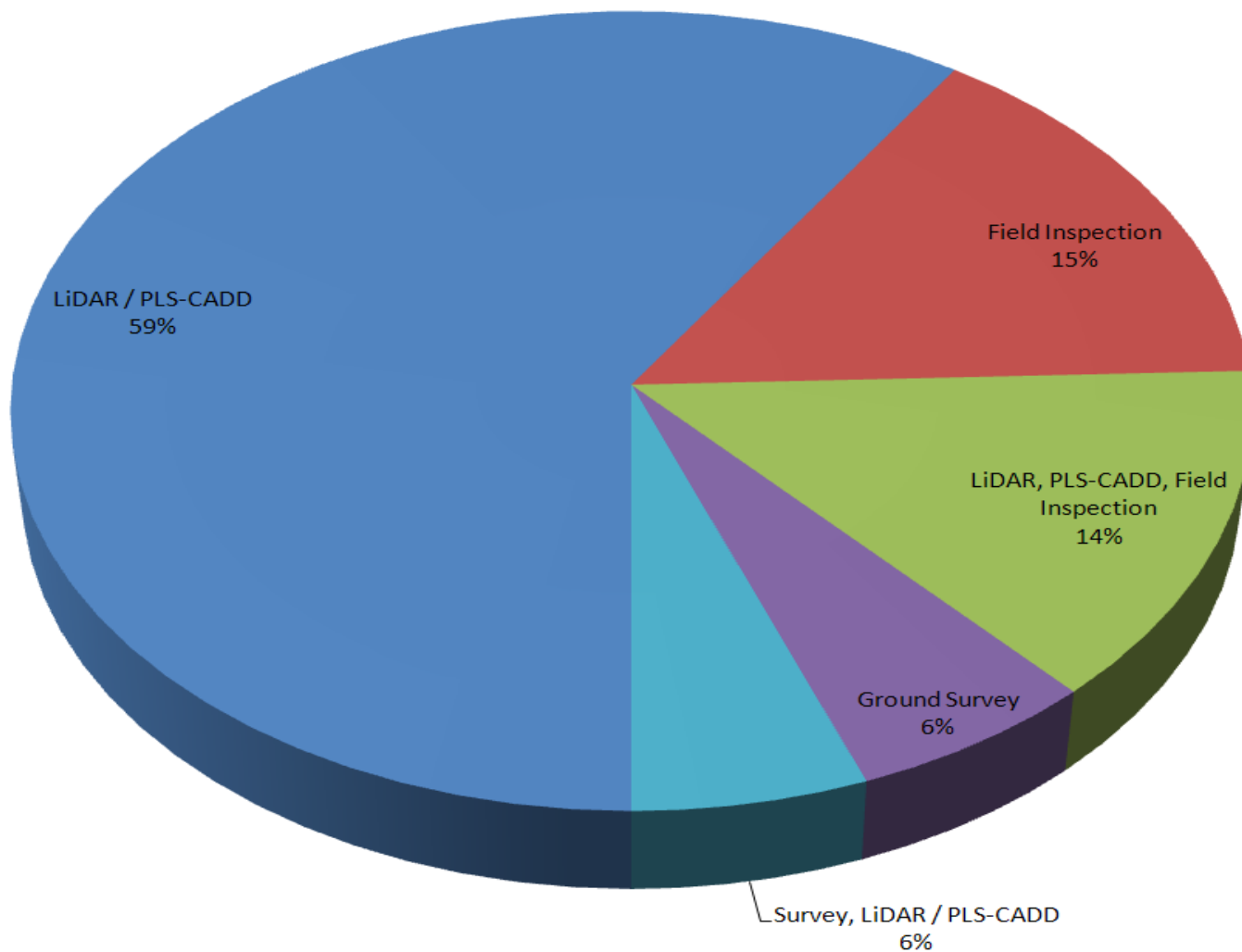
% of Miles Assessed for High Priority Lines



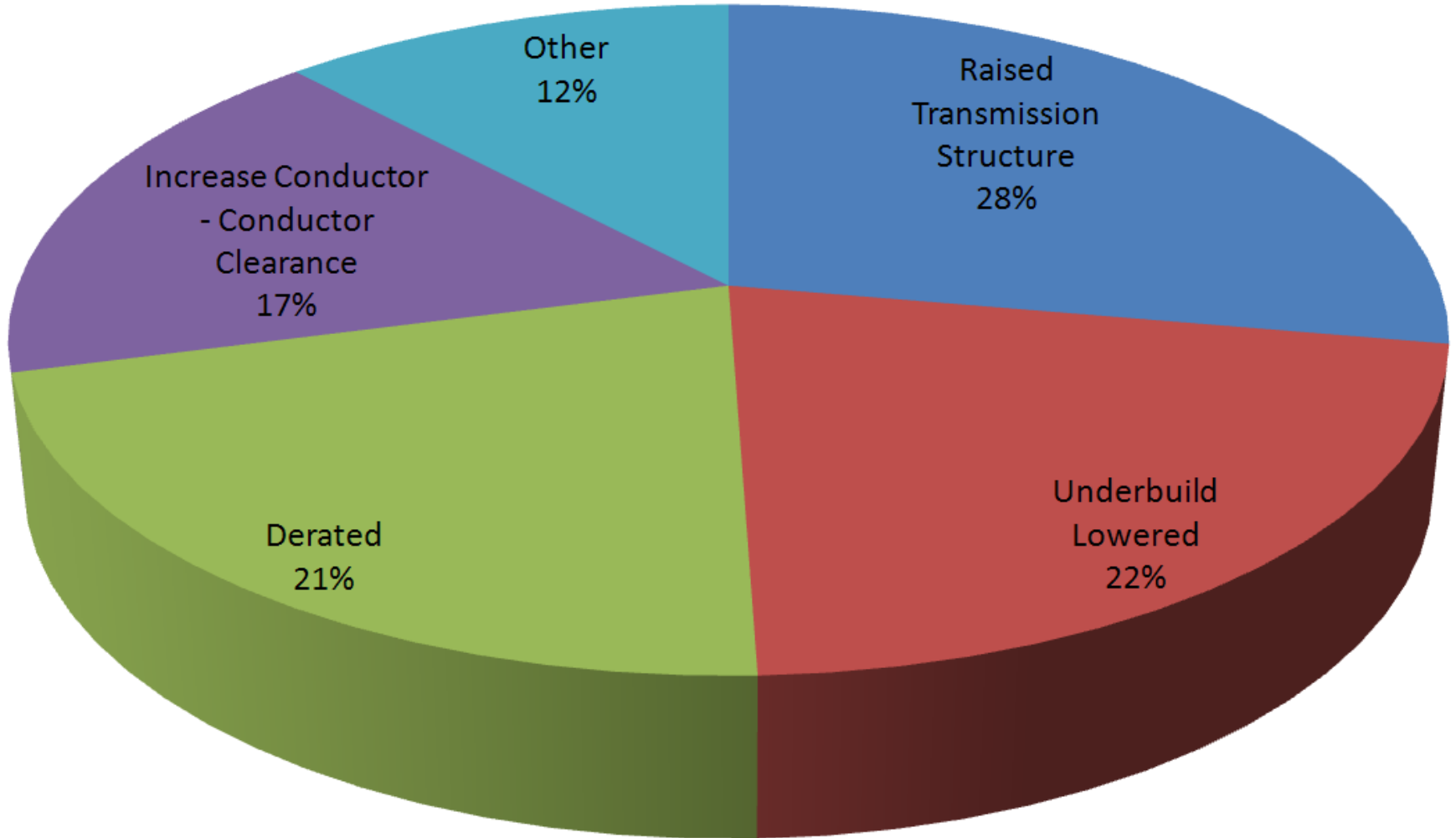
**Top 5
% of Discrepancy Categories Found**



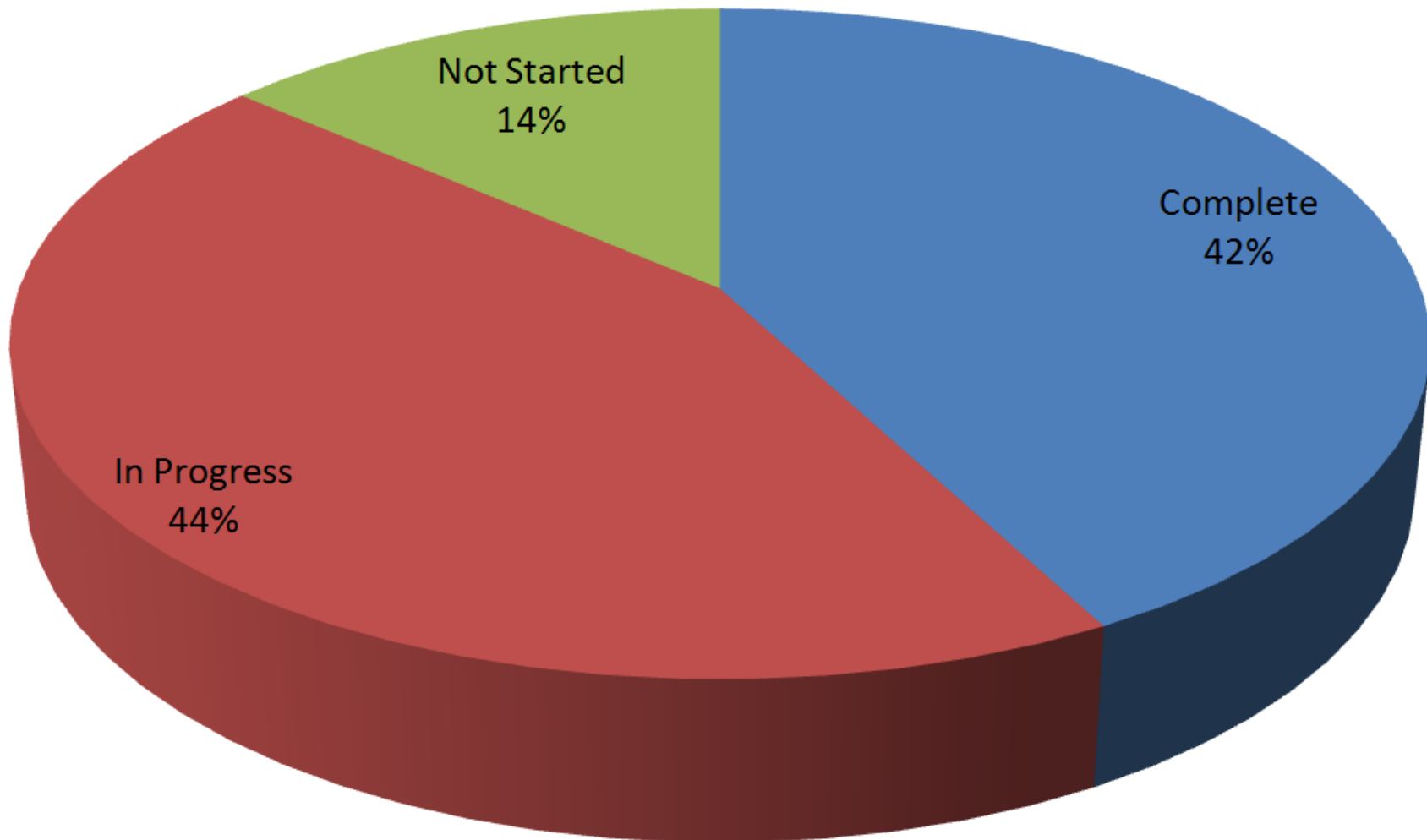
Top 5 Inspection Types



Top 5 Remediation Categories



Remediation Status Breakdown



Questions

