

600 V Rated Secondary Cable Survey

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Subcommittee A

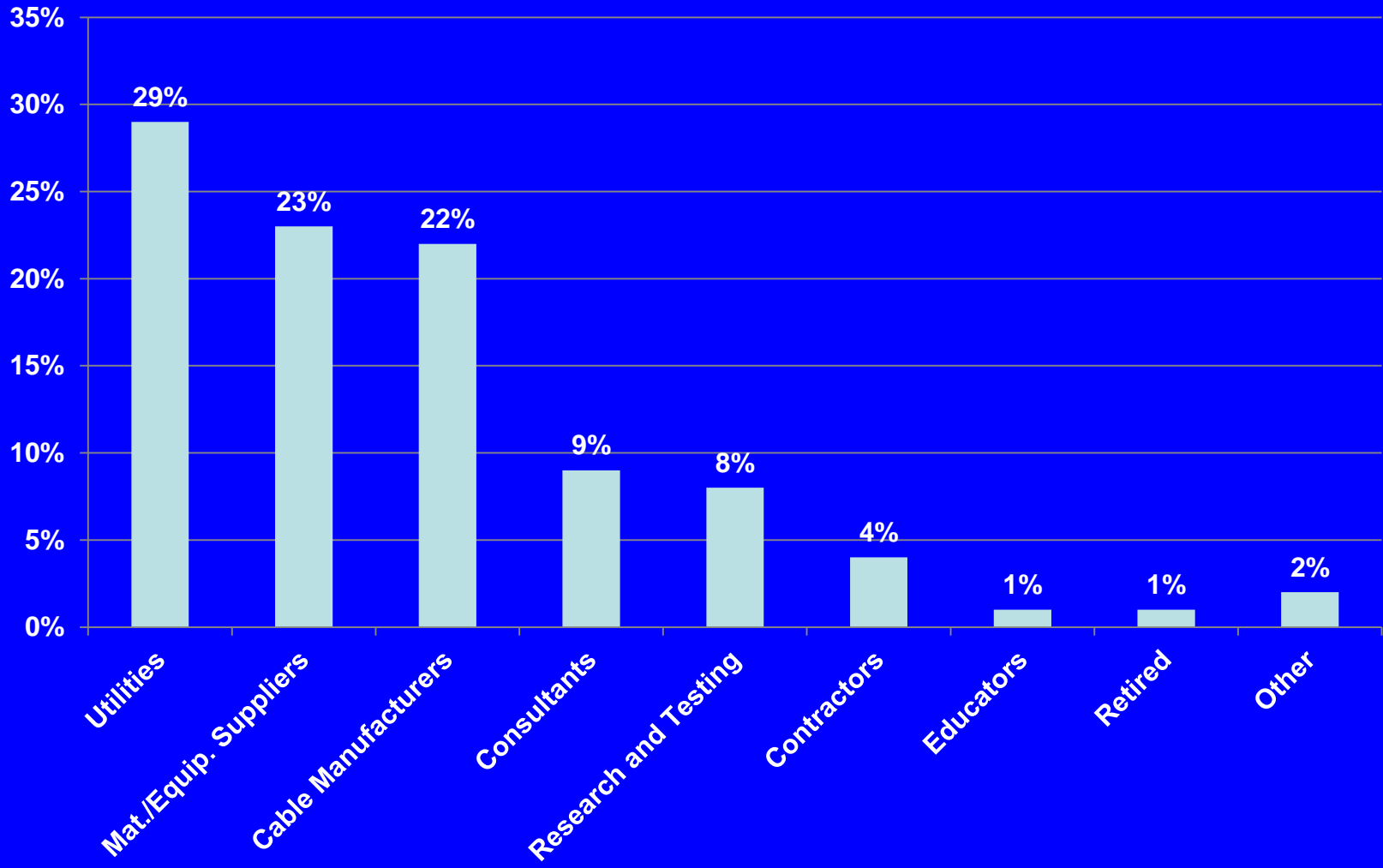
Purpose

- Gauge level of interest in secondary cables
- Help to determine the need for an ICC discussion or AD HOC group
- Provide ICC members with informative data on the subject

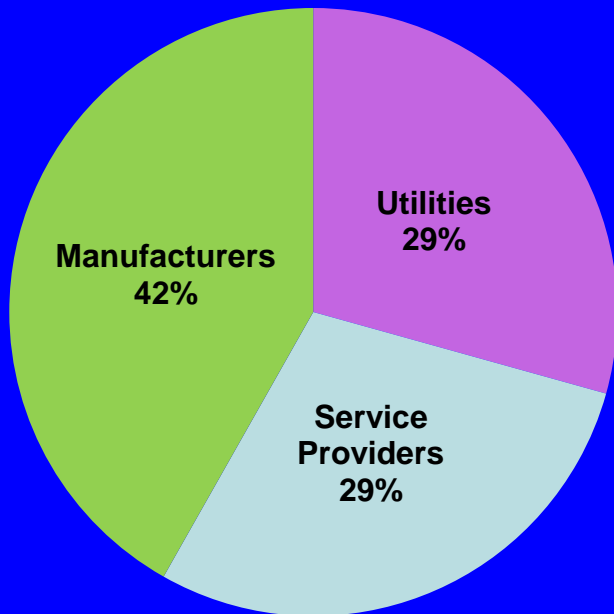
The Survey

- Nine (9) Questions
- 723 Invitations (Sample)
(* Excluding emails not delivered due to a bad address, etc.)
- 97 Respondents
- 13.4% Response Rate

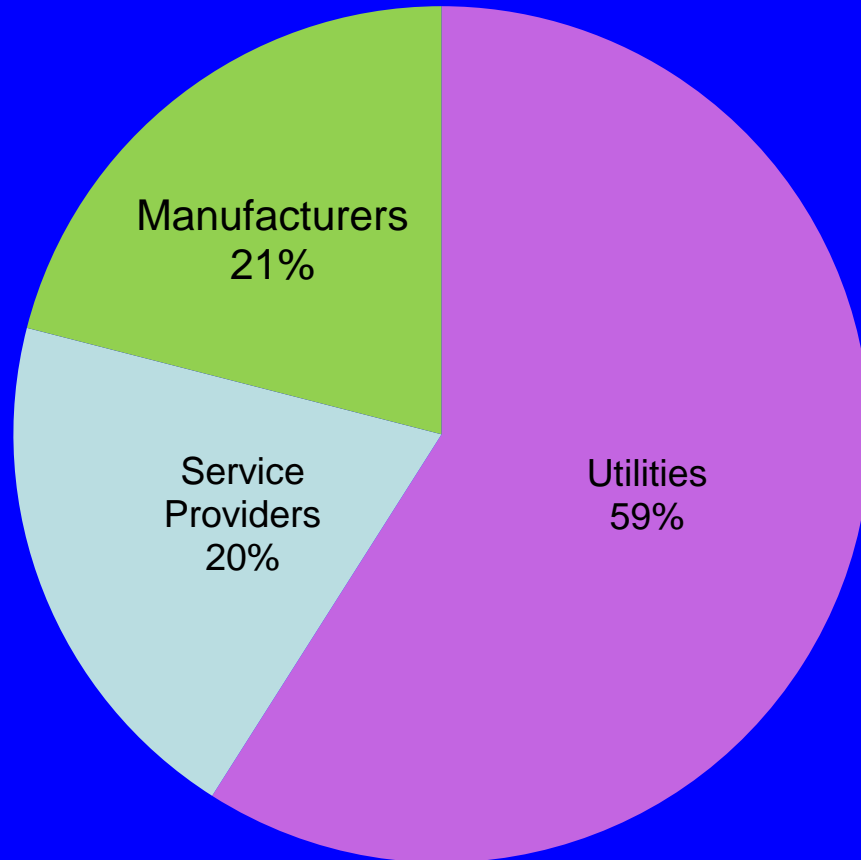
Sample Composition



Respondents Composition



Sample

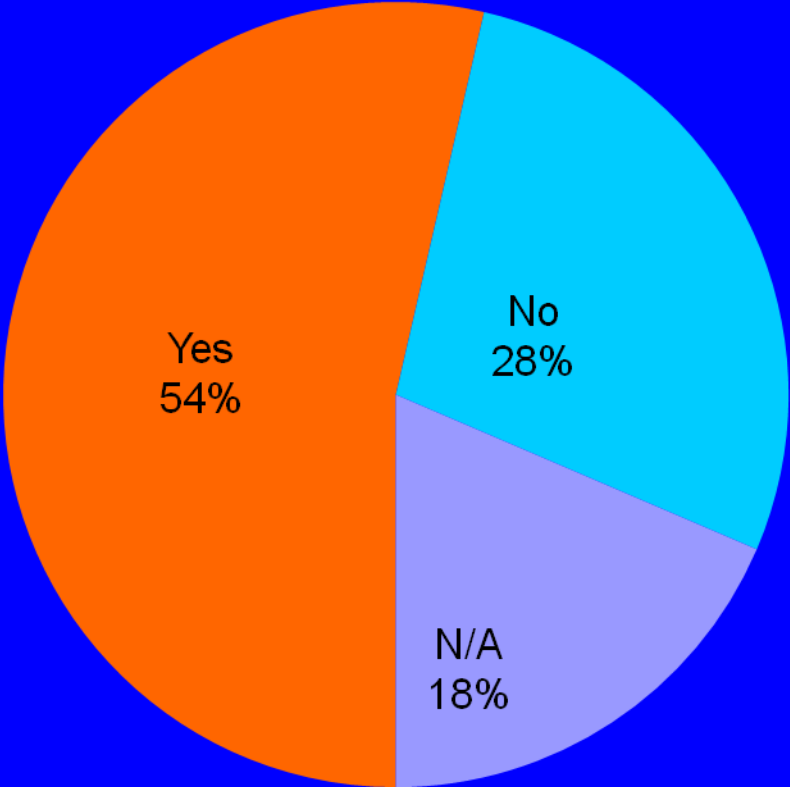


Respondents

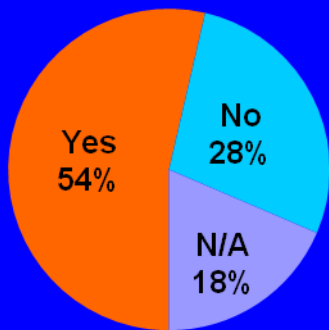
Response Rates by Category

Utilities	Manufacturers	Service Providers
26.8%	6.6%	9.6%

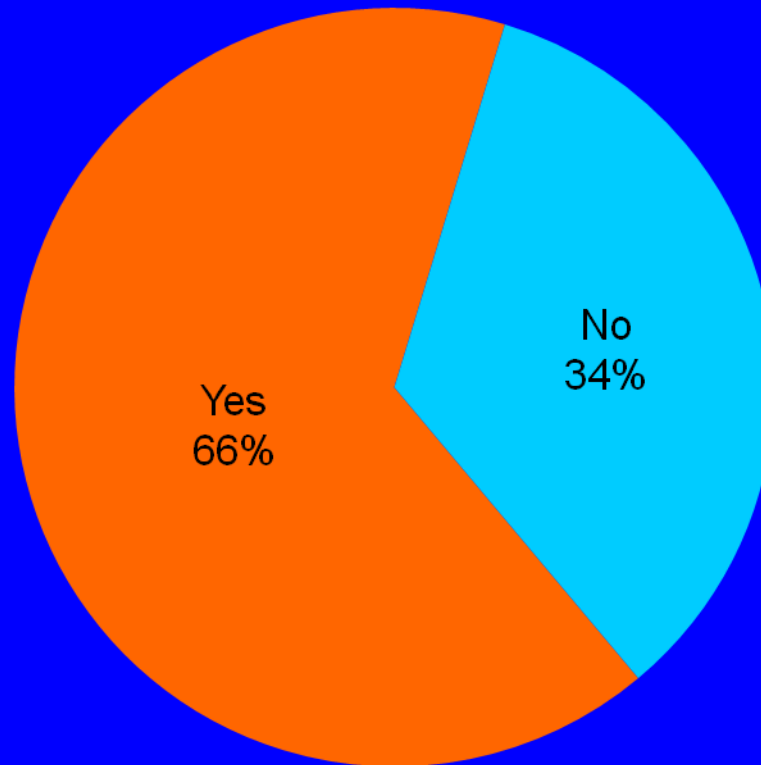
1. Is 600V rated secondary cable performance/reliability a concern in your company?



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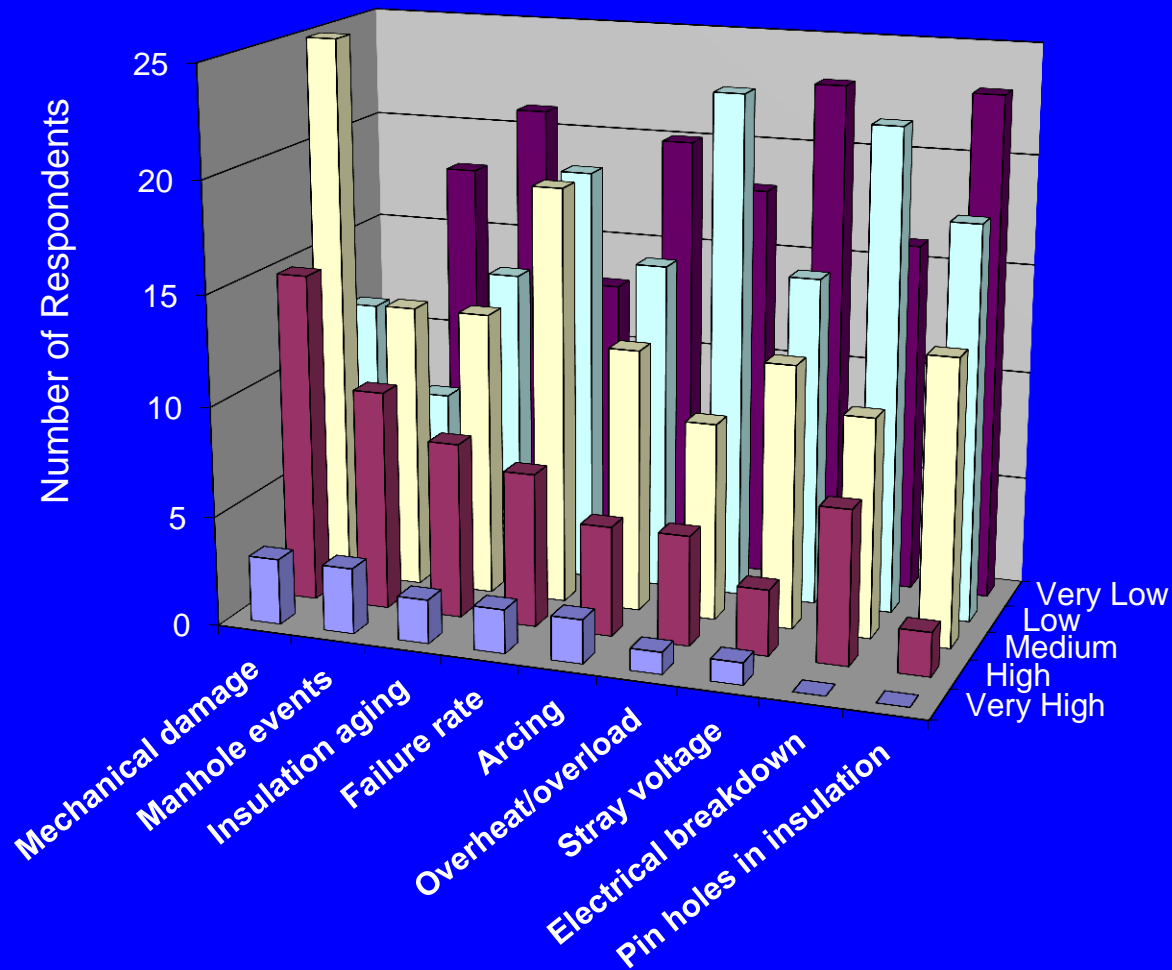


All respondents

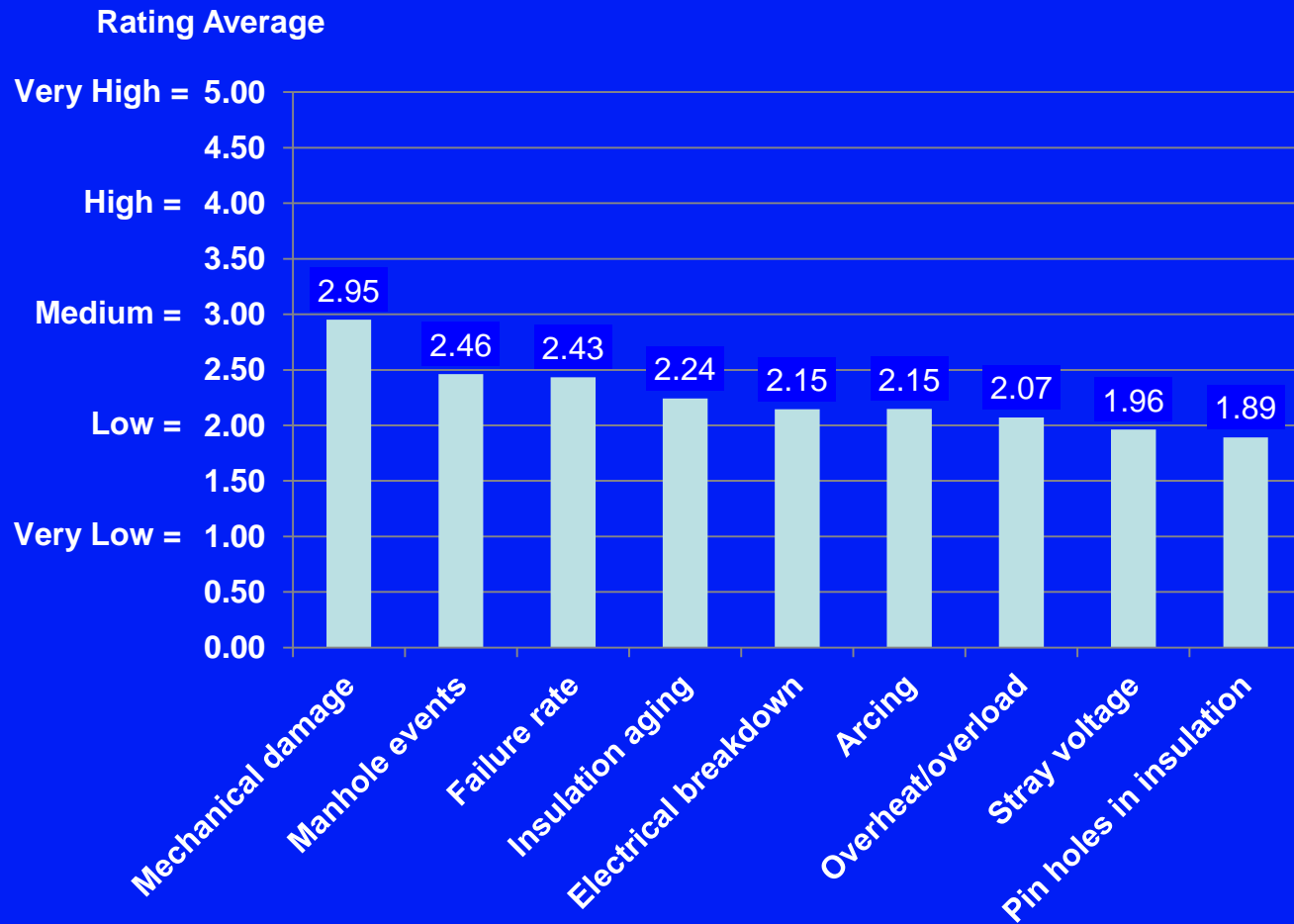


Excluding manufacturers and service providers

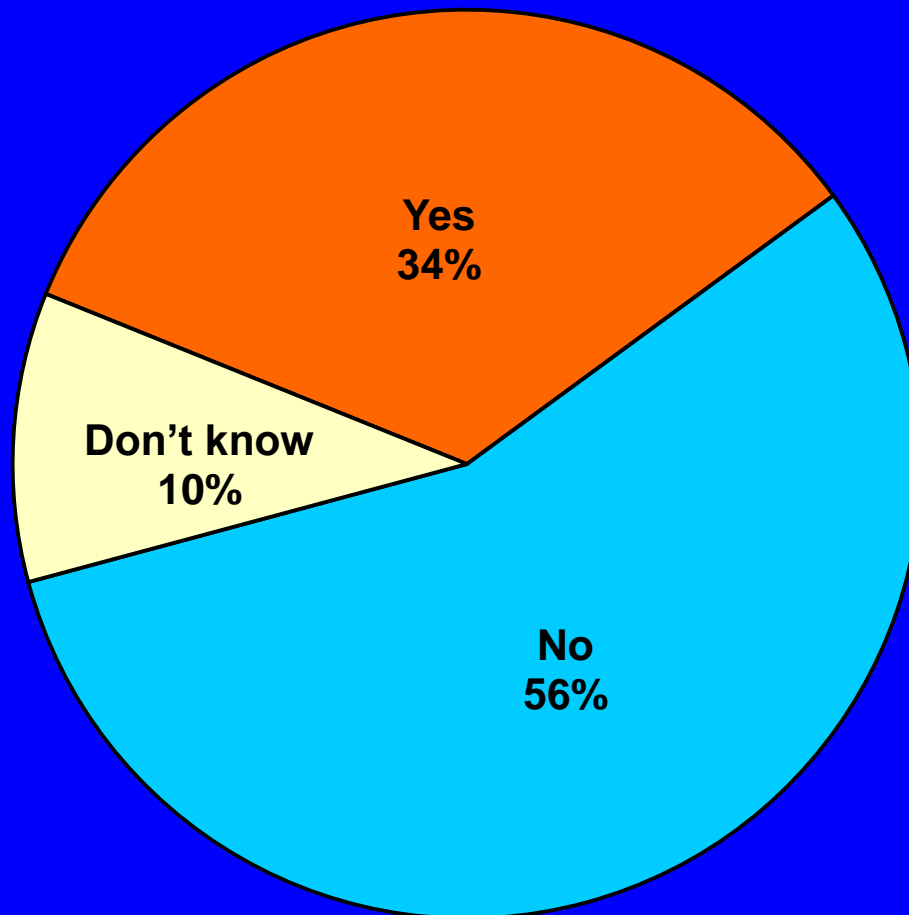
2. Please rate the following in degree of severity regarding reliability of your secondary cables (excluding manufacturers and providers)



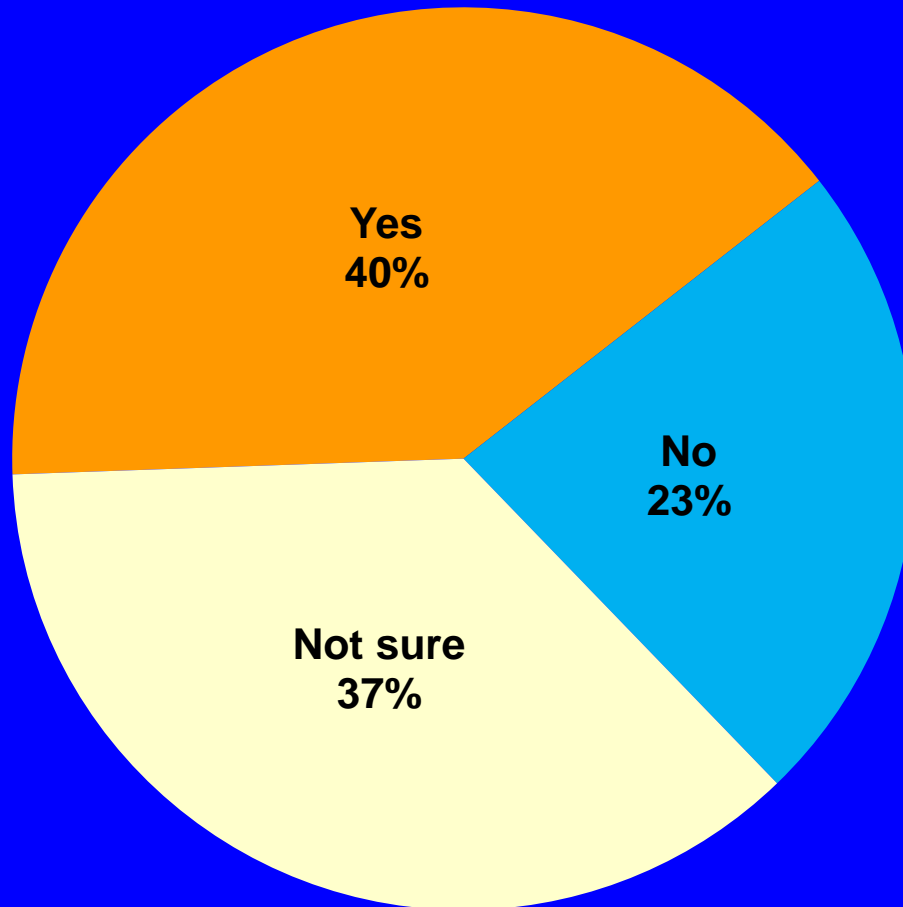
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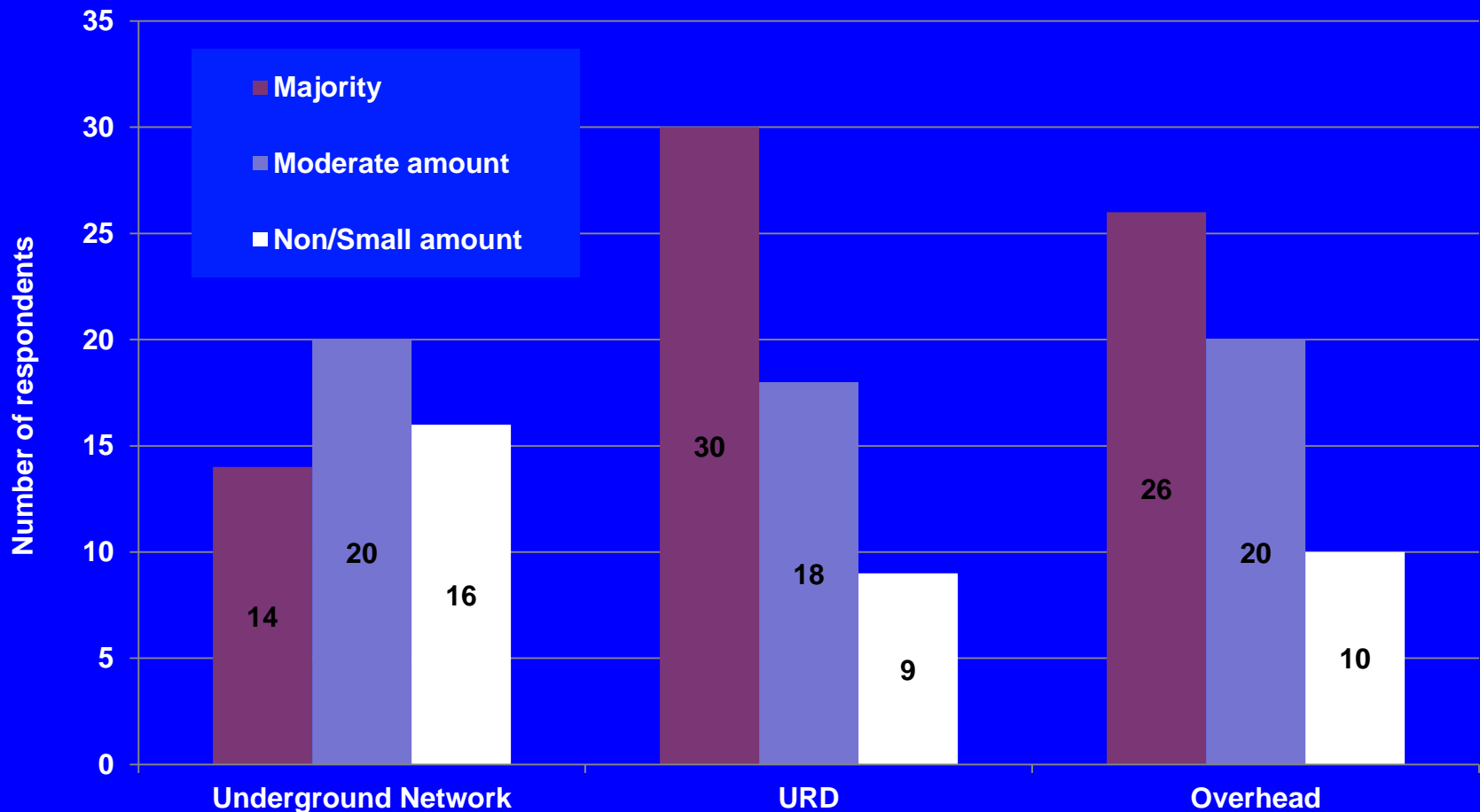
3. Does your company maintain a record of secondary cable failure data/history? (excluding manufacturers and providers)



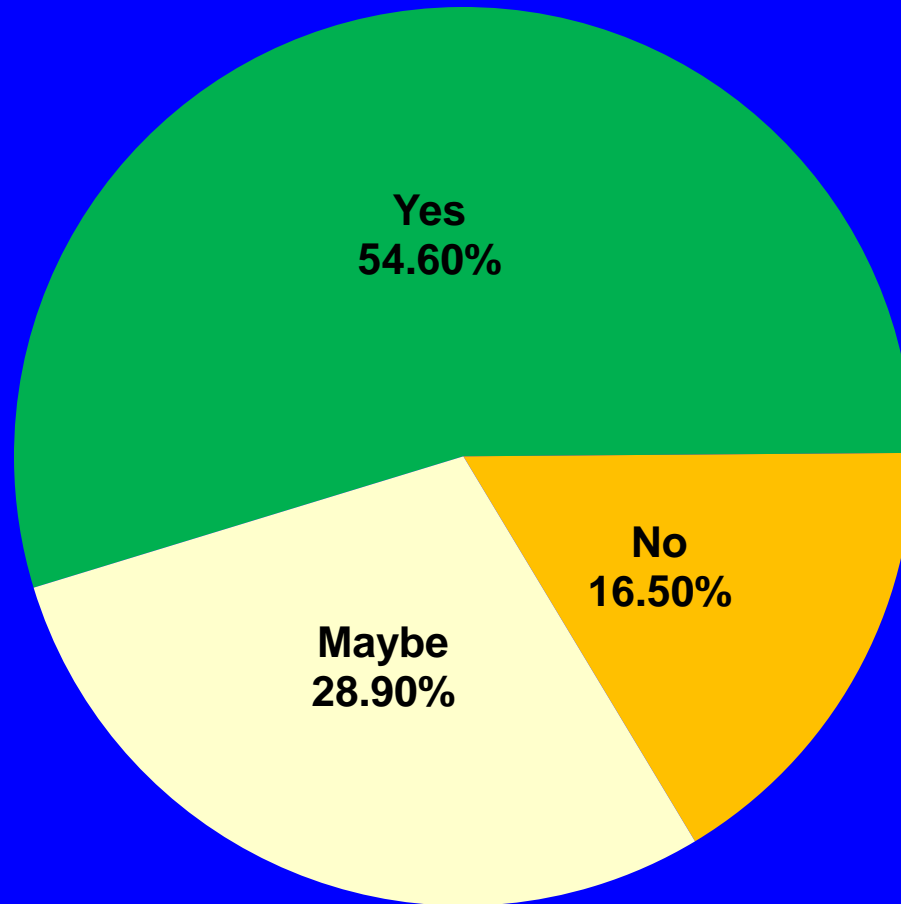
4. If “Yes” to Question 3, would you be willing to share your data? Results will be published without utility ID's. (Excluding manufacturers and providers)



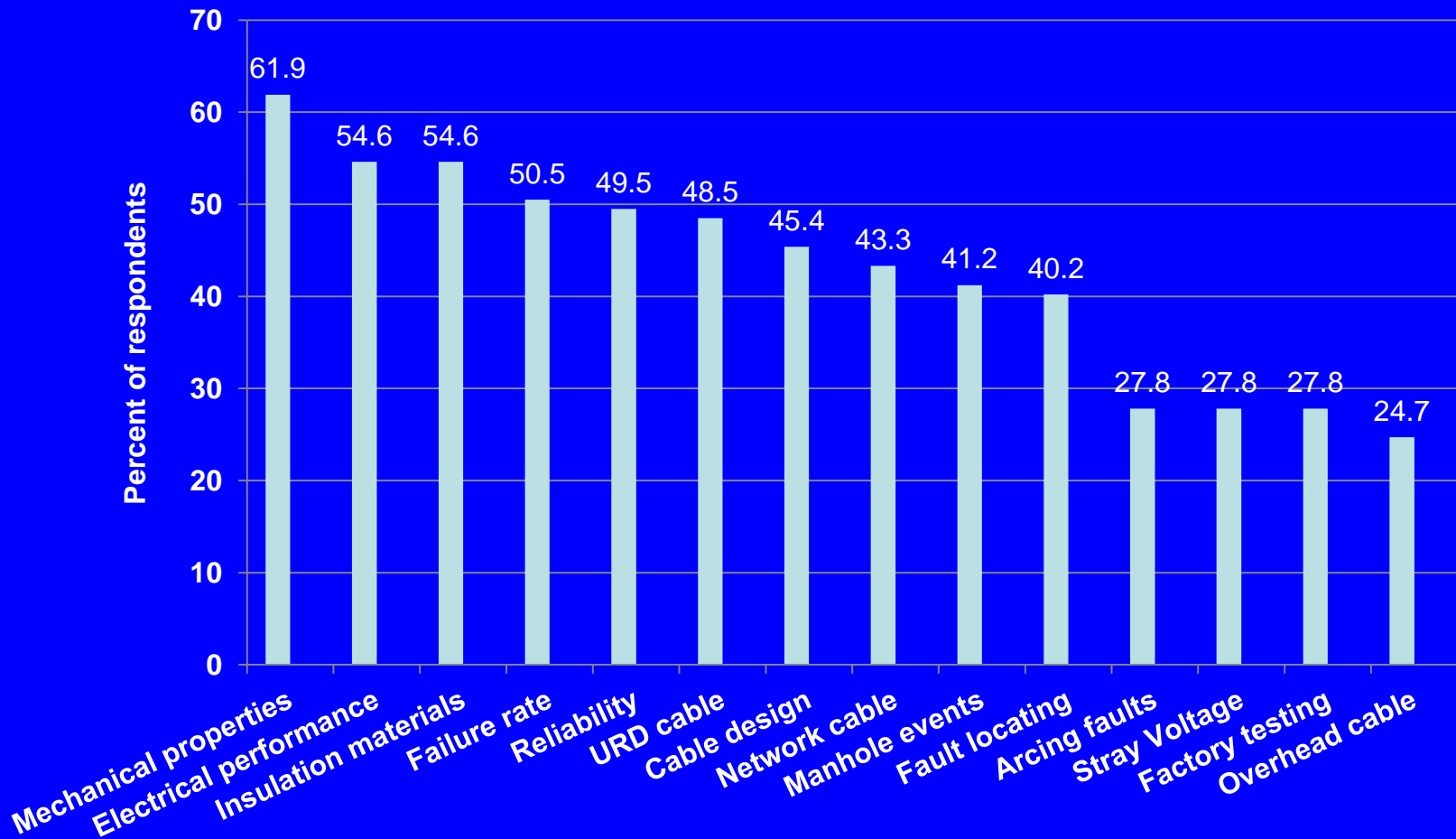
5. Please indicate the allocation of your secondary cables (Excluding manufacturers and providers)



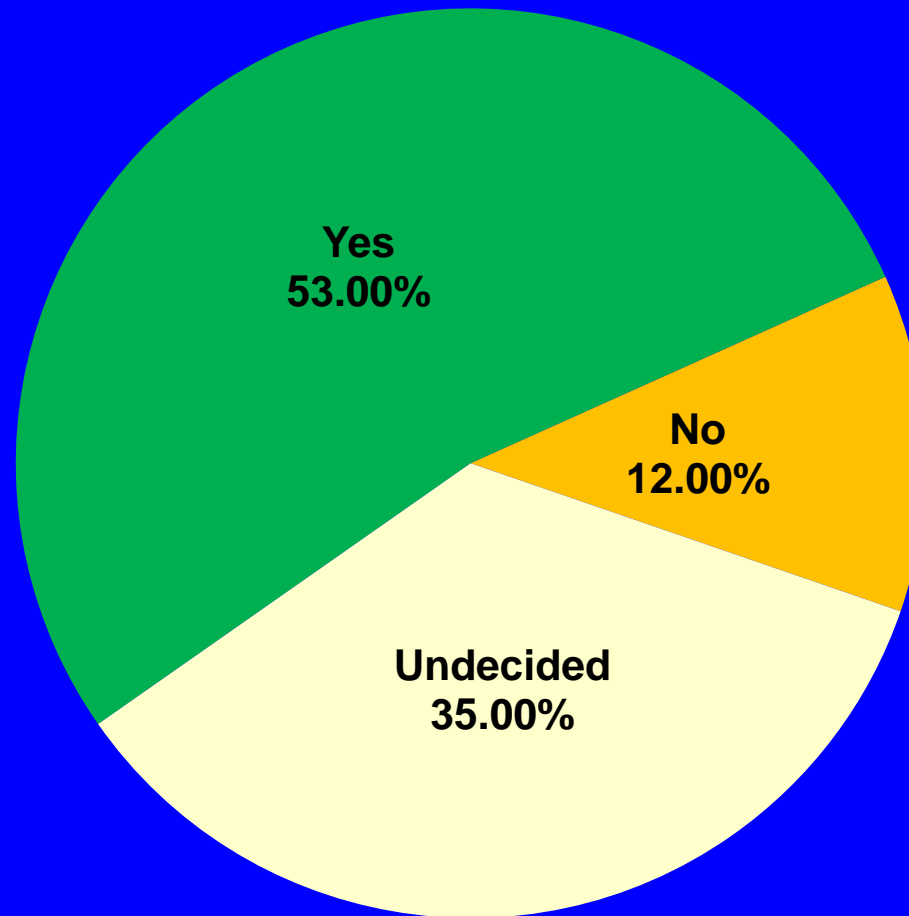
6. Are you in favor of establishing an ICC discussion/Ad Hoc group on the subject?



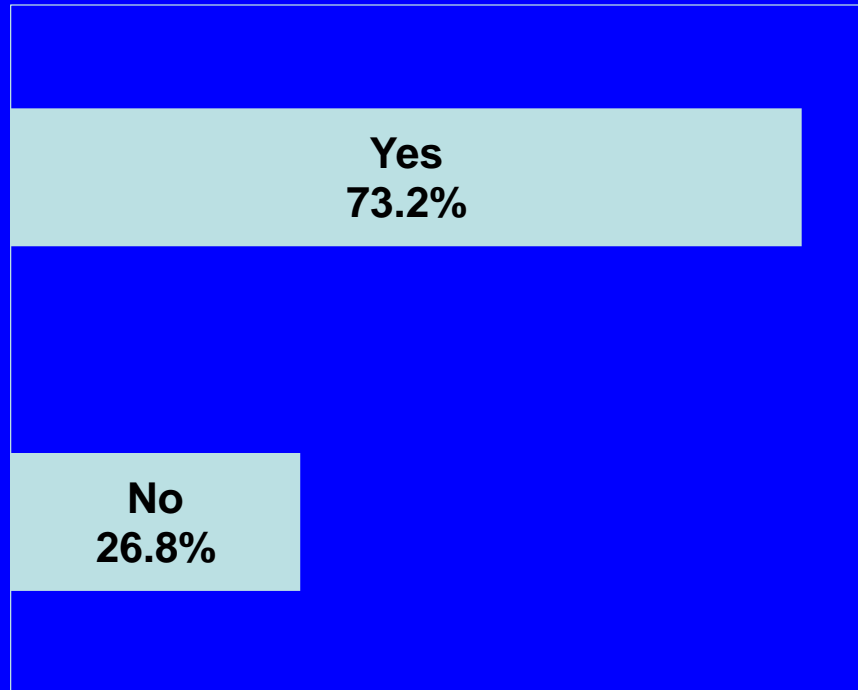
7. If "Yes" or "Maybe" to Question 6, what topics would you like to include in the discussions? (Please select all that apply.)



**8. If "Yes" or "Maybe" to Question 6,
would you like to be a member of the
discussion group?**



9. Can we contact you for additional information?



Summary

- 54% of all respondents believe we should be concerned with secondary cable reliability
- 66% of users believe so
- The top four areas of concern are
 - Mechanical damage
 - Manhole events
 - Failure rate
 - Insulation aging

Summary (continued)

- 34% of the users reported that their companies maintain a failure/performance record of secondary cable
- Of the users who maintain a record, 40% are willing to share their data
- 55% of the respondents are in favor of an ICC discussion/Ad Hoc group, of whom 53% would like to be a member of the group

Conclusion

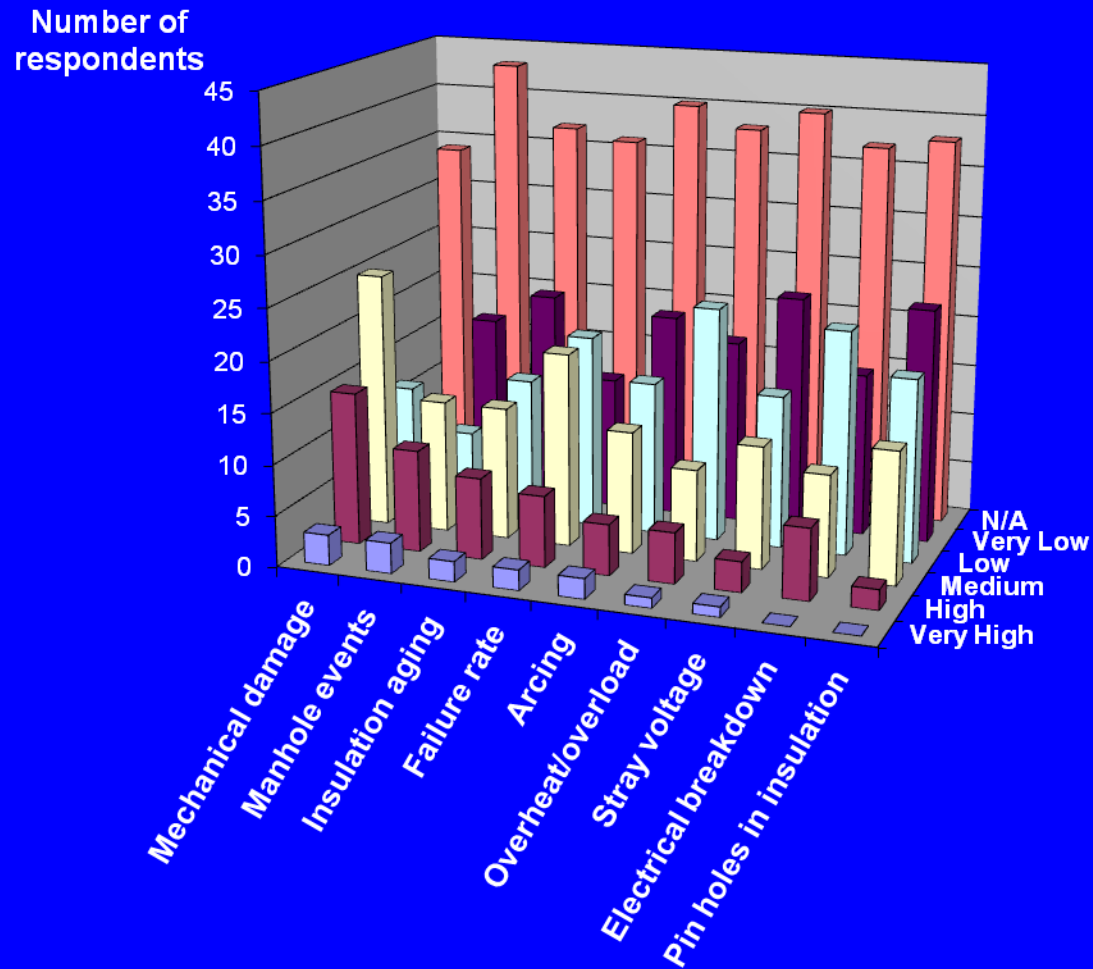
- It's time to have a forum in ICC to discuss the issues concerning low voltage secondary cable performance and reliability
- Popular topics of interests are: mechanical properties, electrical performance, insulation materials, failure rate, URD cable, Network cable, cable design, manhole events, and fault locating

Thank you!

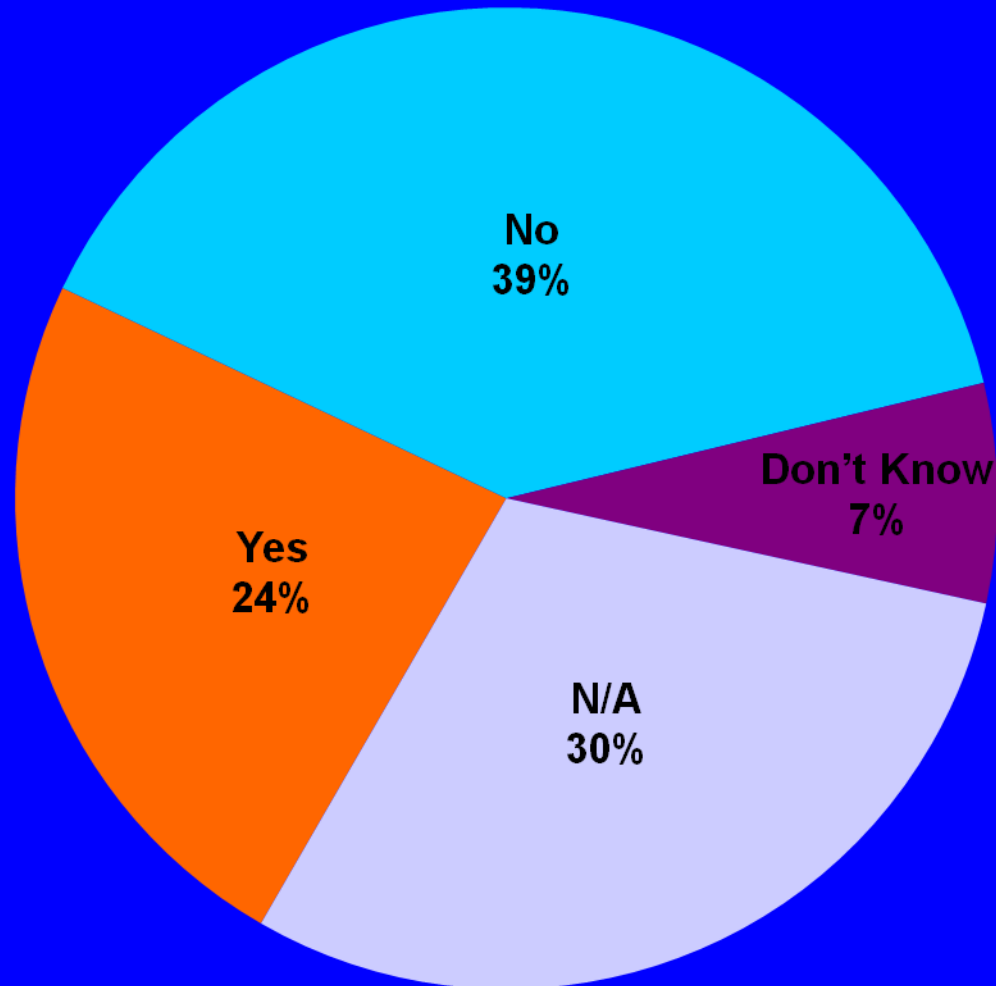
Questions ?

Comments?

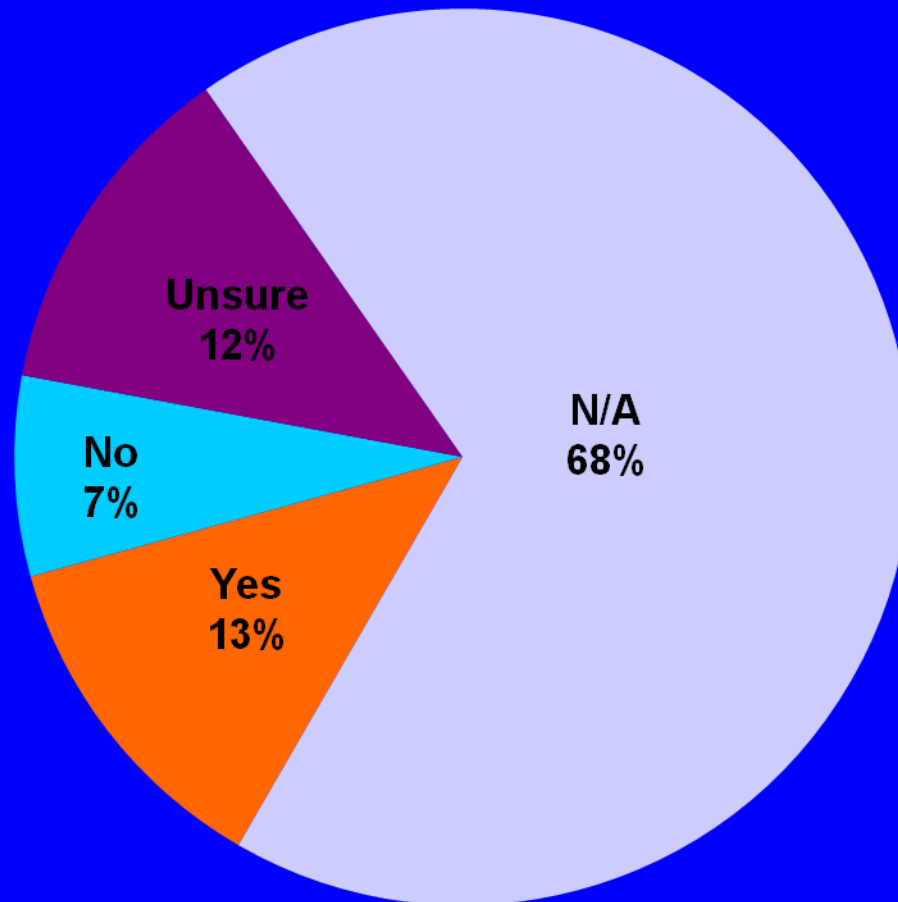
2. Please rate the following in degree of severity regarding reliability of your secondary cables



3. Does your company maintain a record of secondary/low voltage cable failure data/history?



4. Would you be willing to share your data? (Results will be published without utility ID's)



5. Please indicate the allocation of your secondary cables

