



Cybersecurity- The Utilities' View

Bob Lockhart, UTC

VP, Cybersecurity, Technology & Research

UTC – Utilities Technology Council

- A global trade association
- Dedicated to serving critical infrastructure providers
- Creates a favorable business, regulatory and technological environment for its members
- Through advocacy, education, and collaboration
- Headquarters in Washington, DC



Bob Lockhart

- VP, Cybersecurity, Technology, Research
- ≈40 Years in IT
- 25 Years Cybersecurity
- 7 Years Utility Cybersecurity
- 20+ published research reports
- Etc.
- Etc.
- Etc.

What We've Seen...

Methodology: 29 Questions Like this...

Security Budget

21. Please rate how strongly you agree with the statement, "Regulatory compliance is the main driver of security spending at my utility."

- Strongly Agree
- Somewhat Agree
- Somewhat Disagree
- Strongly Disagree

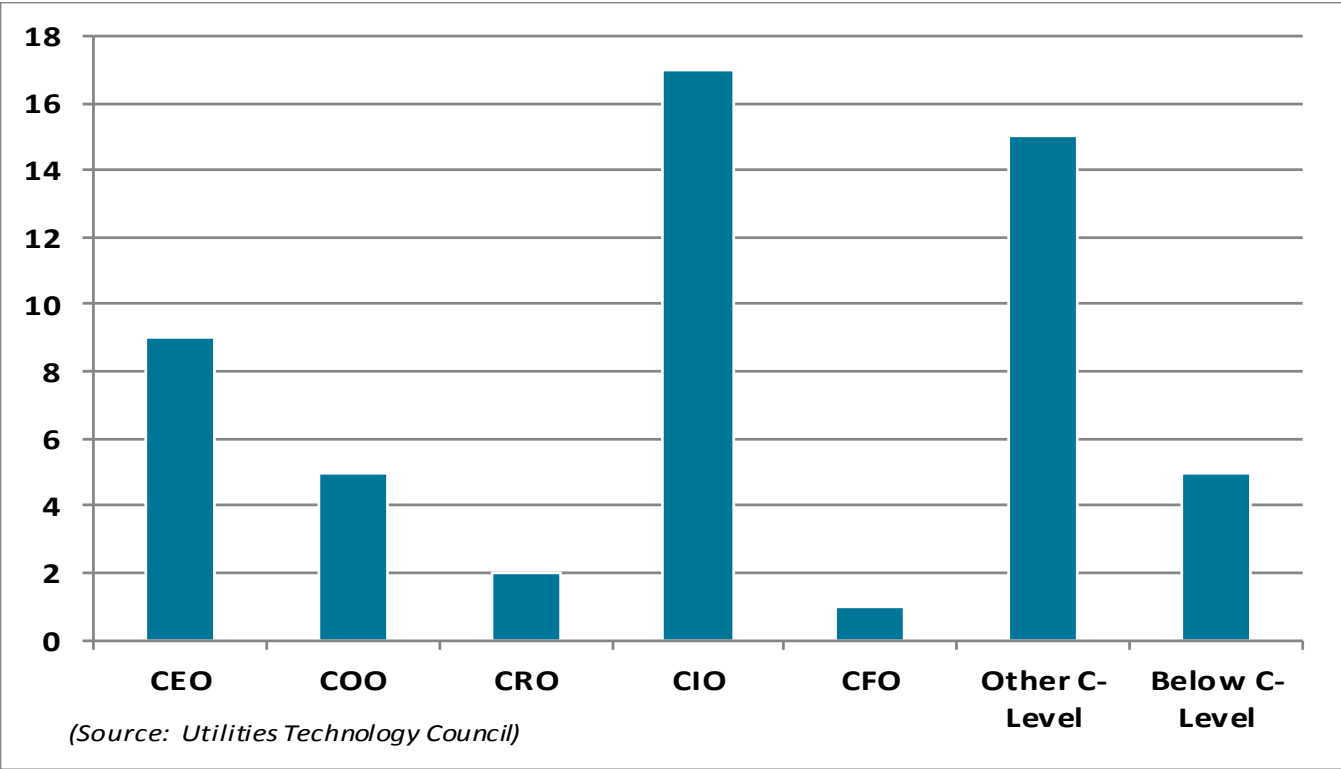
UTC Member utilities only



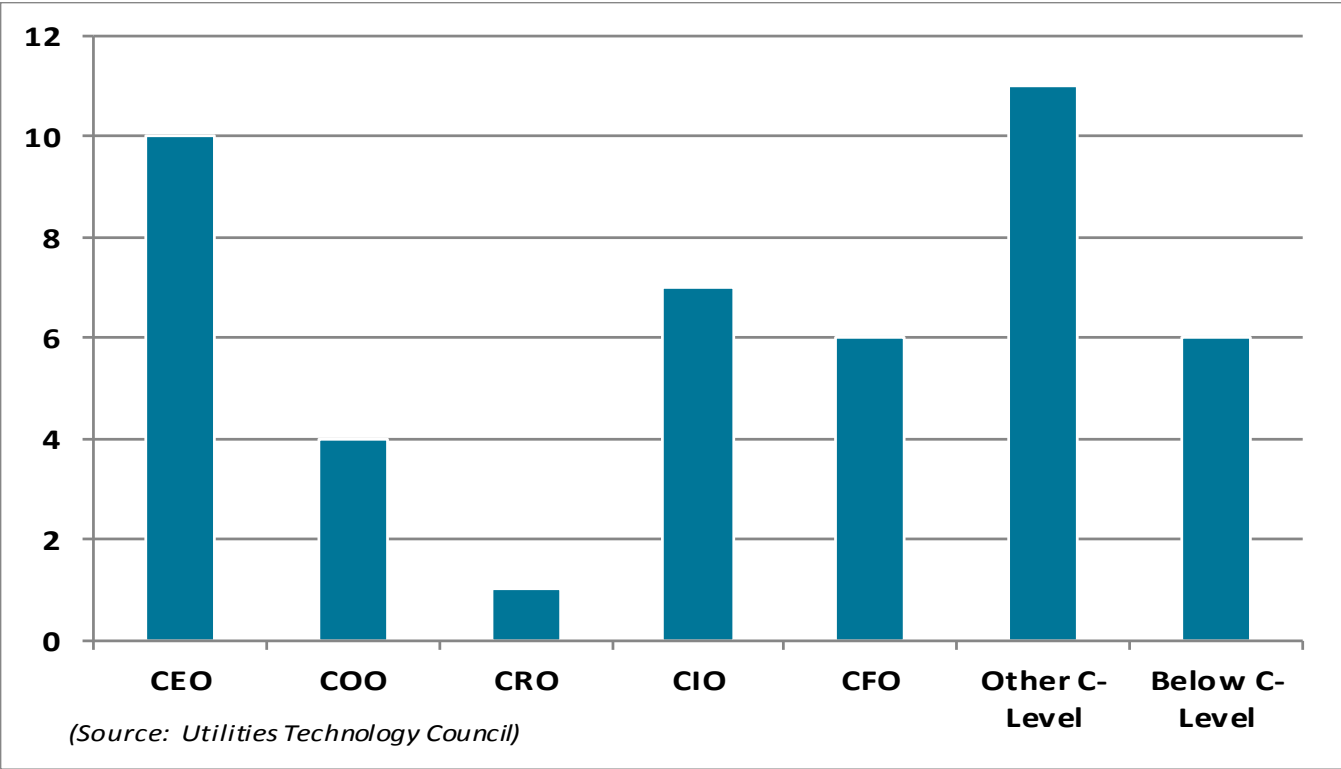
Security Governance



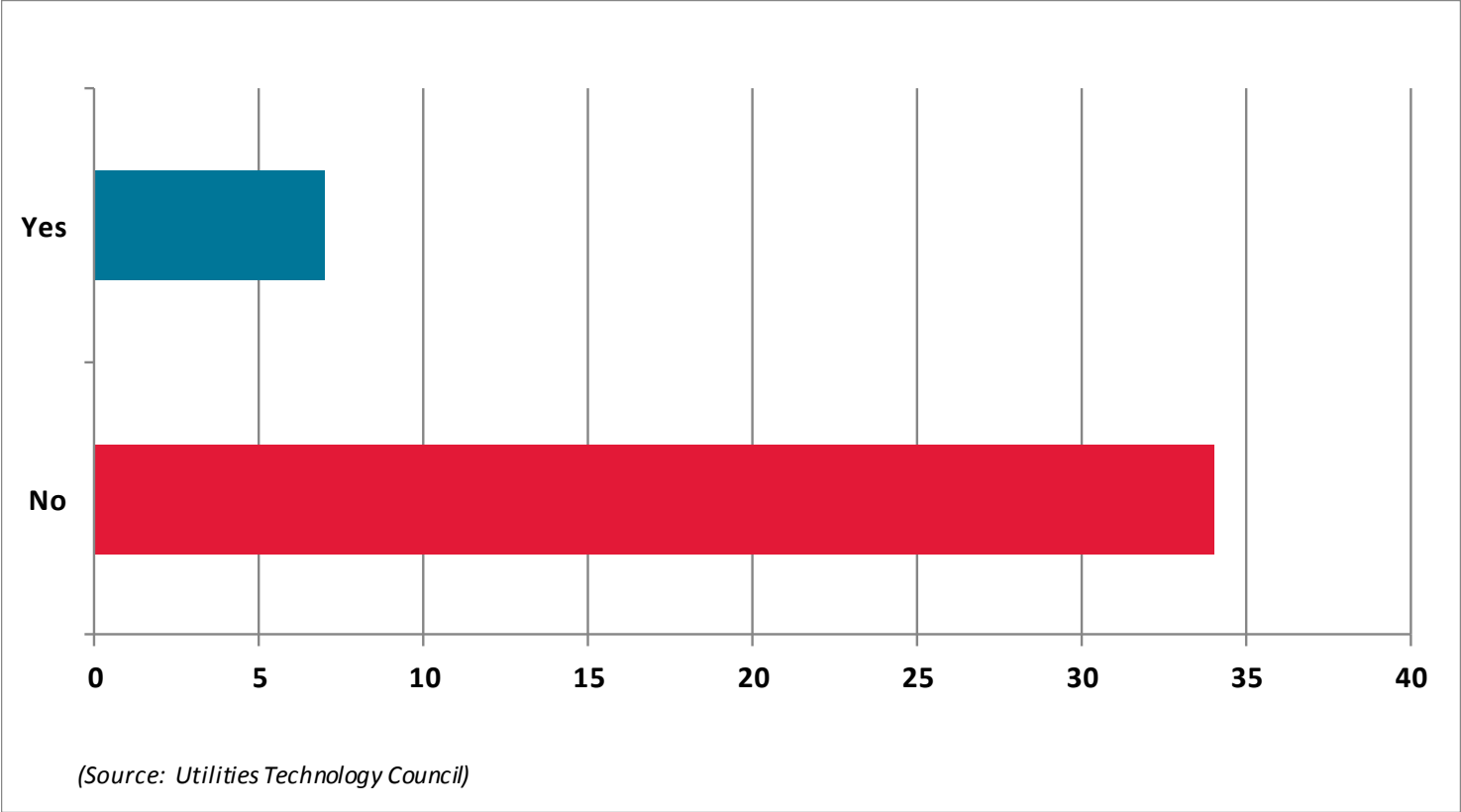
Reporting Level - Chief Security Officer - 2016



Reporting Level - Chief Security Officer - 2017



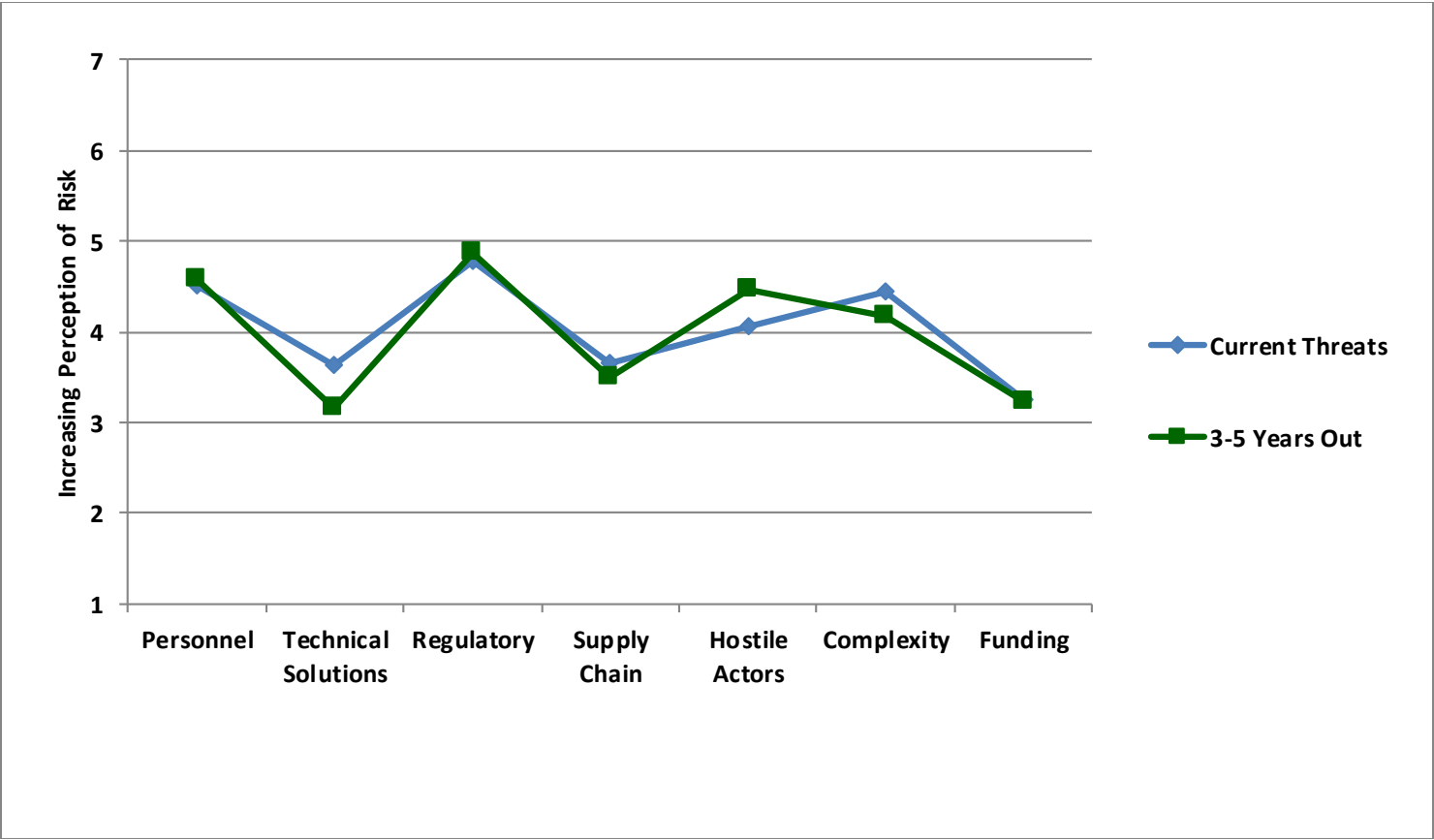
Board member responsible for Security?



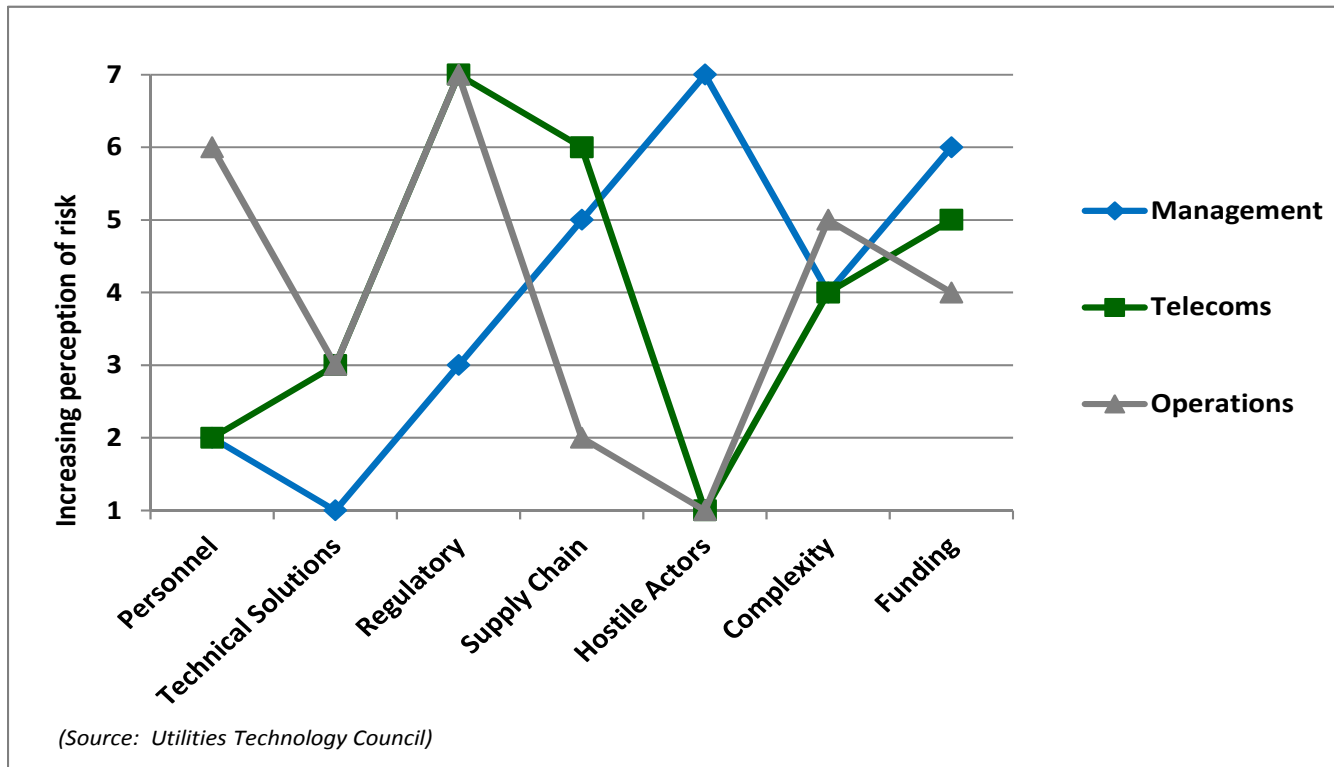
Risk Perception



Perception of Risk: Average responses



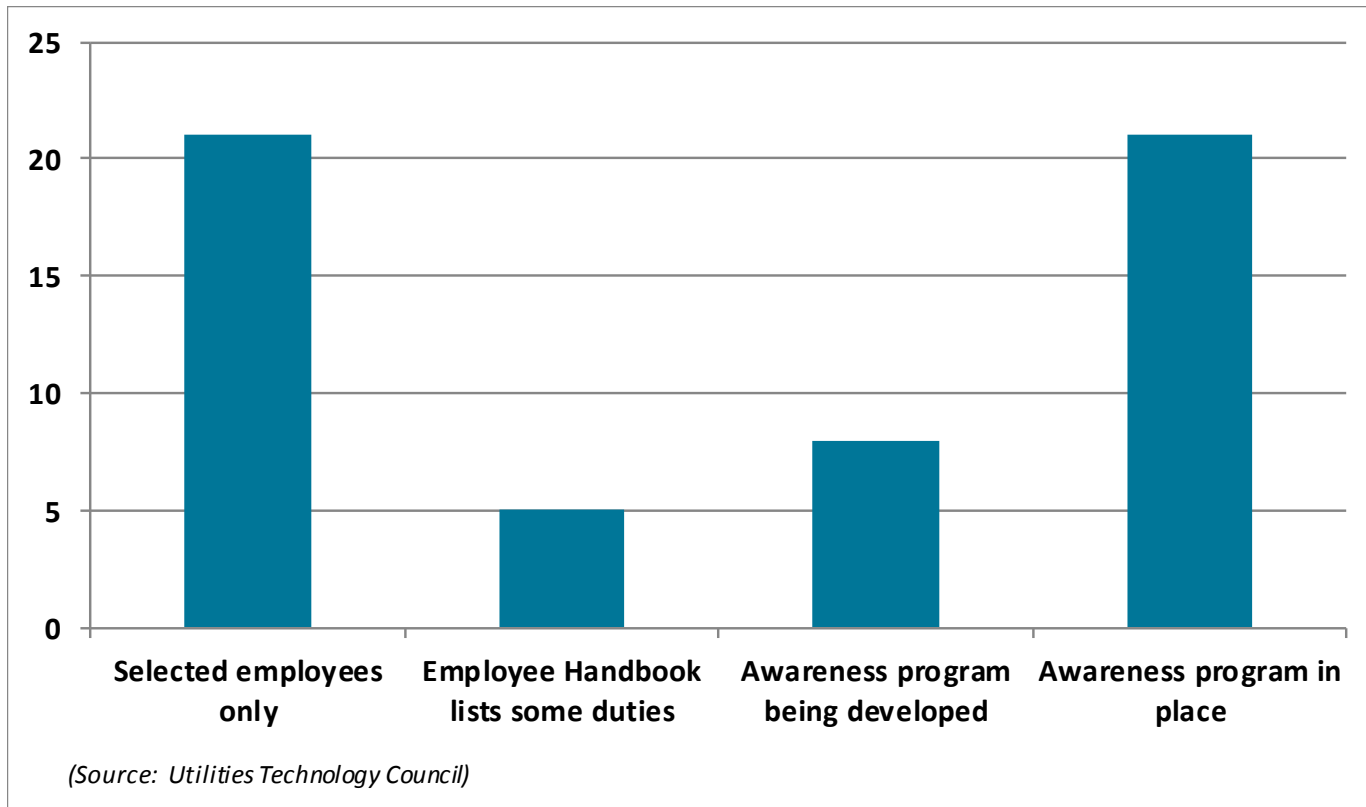
Risk responses from a single utility



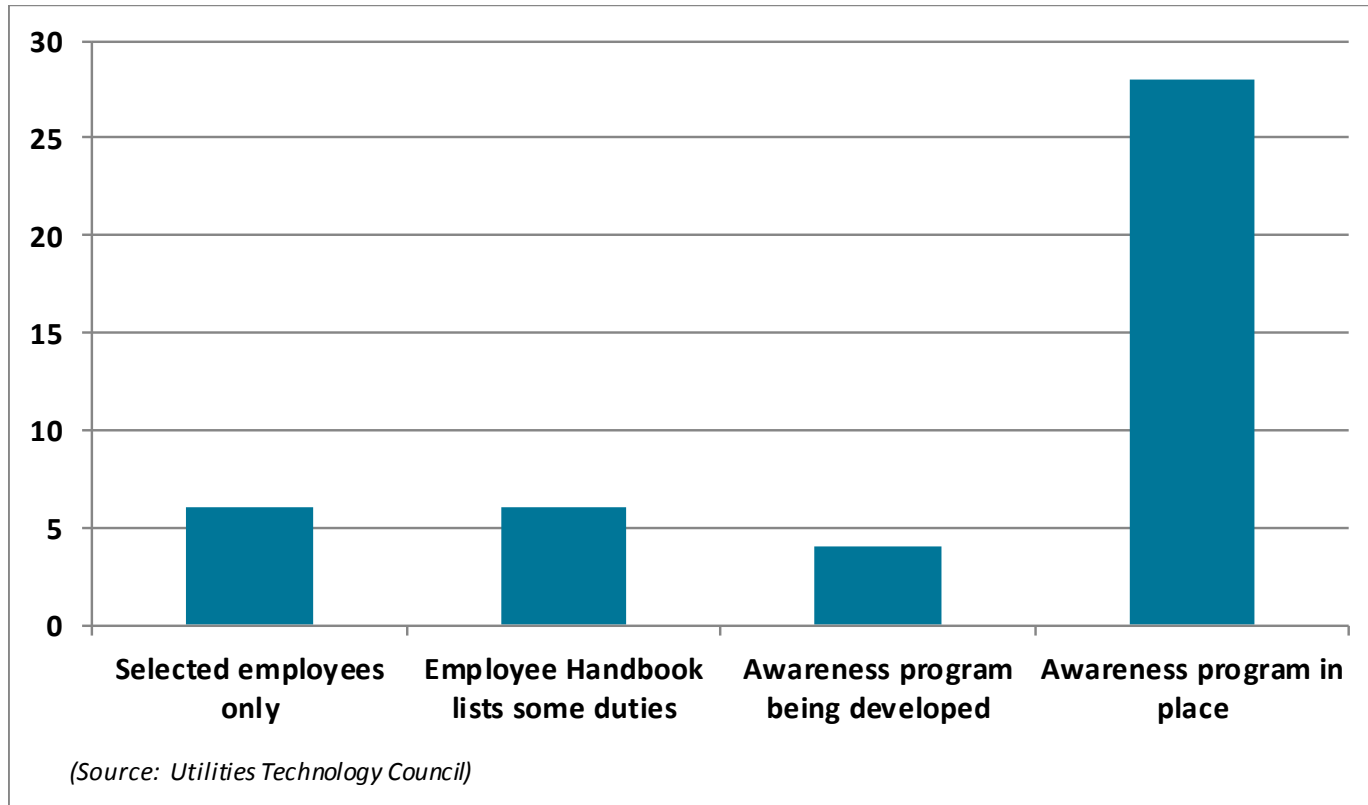
Security Awareness



Security Awareness Programs - 2016



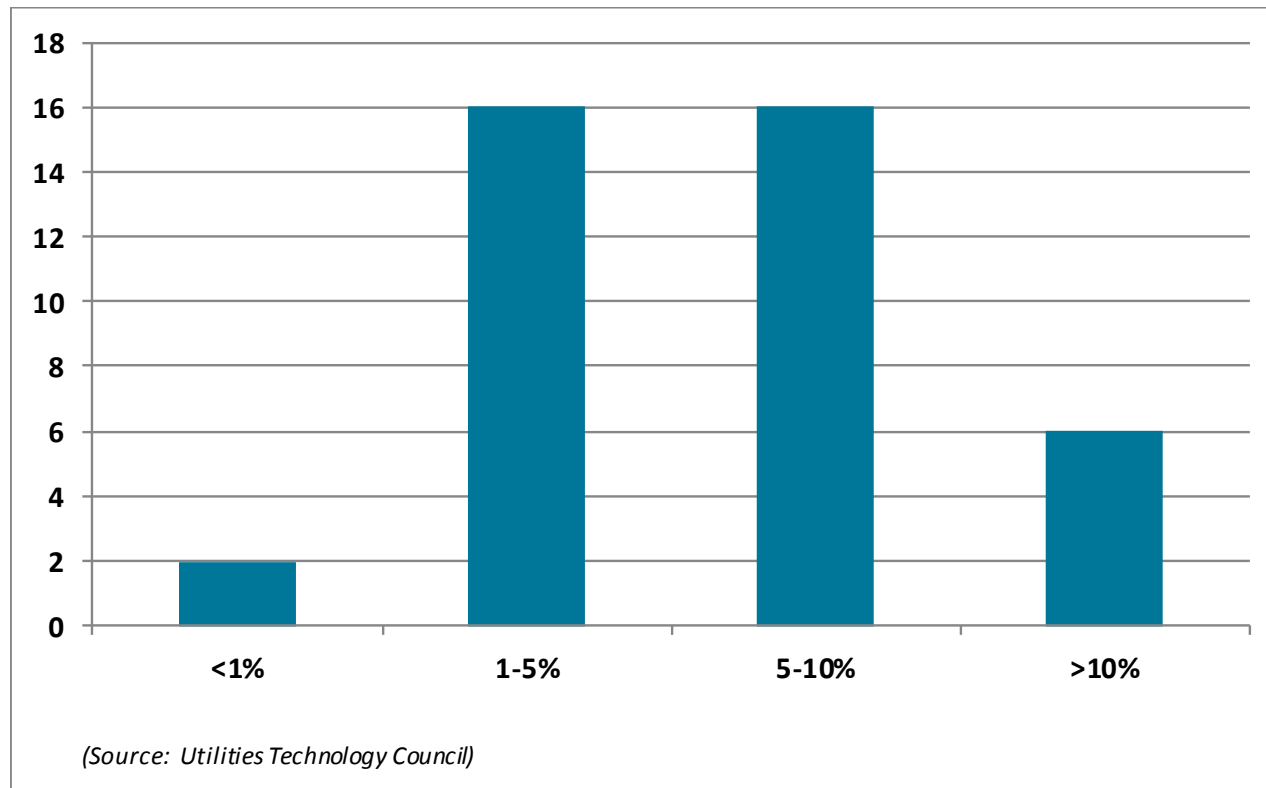
Security Awareness Programs - 2017



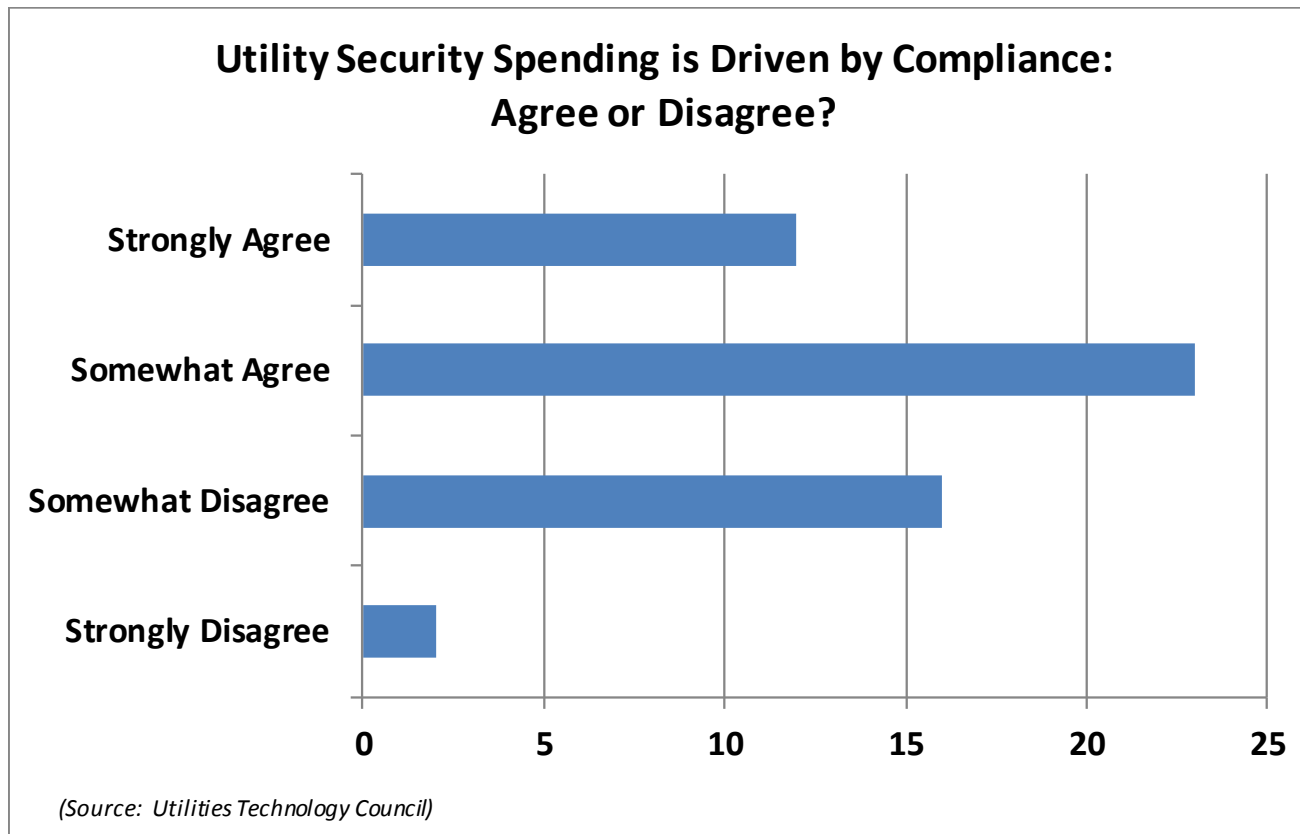
Security Budgets



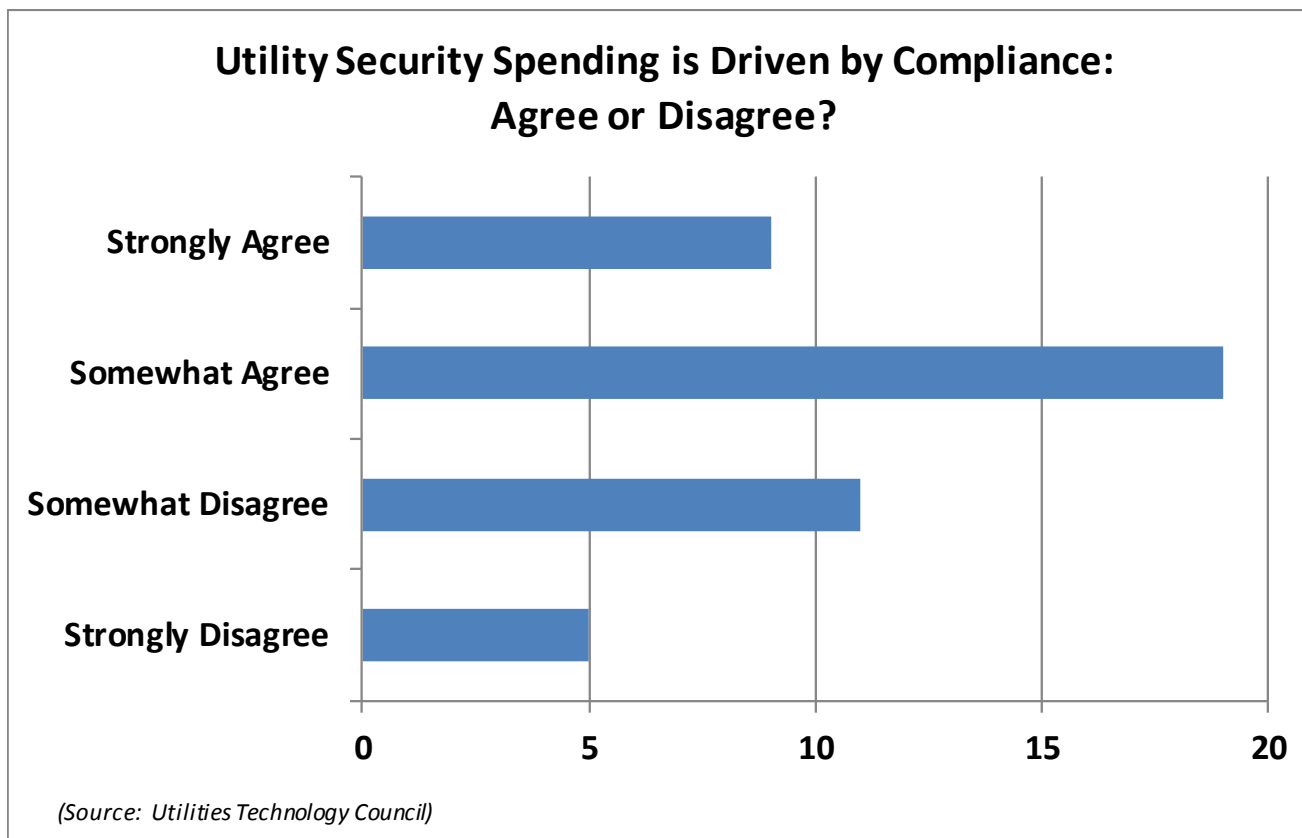
Cybersecurity Spend - % of IT Budget



Does Compliance drive spending? 2016



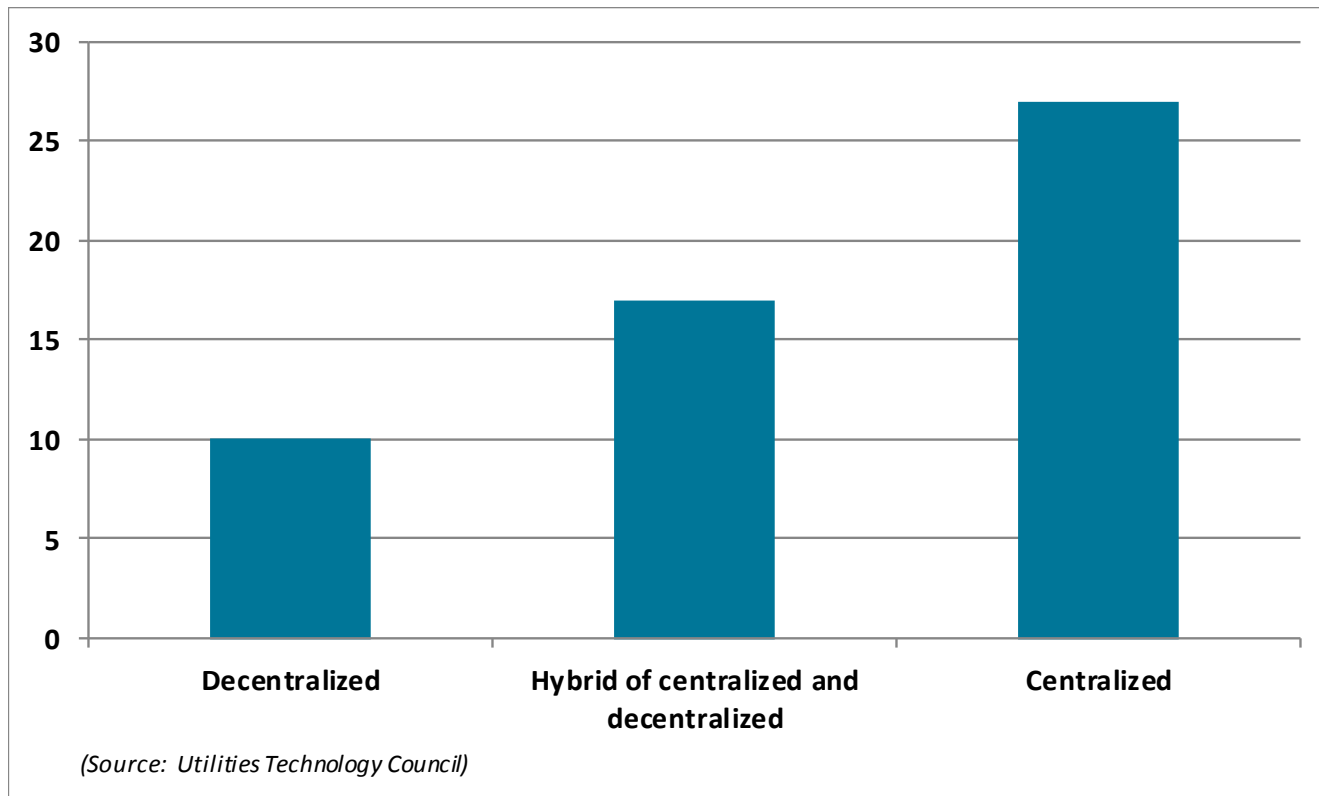
Does Compliance drive spending? 2017



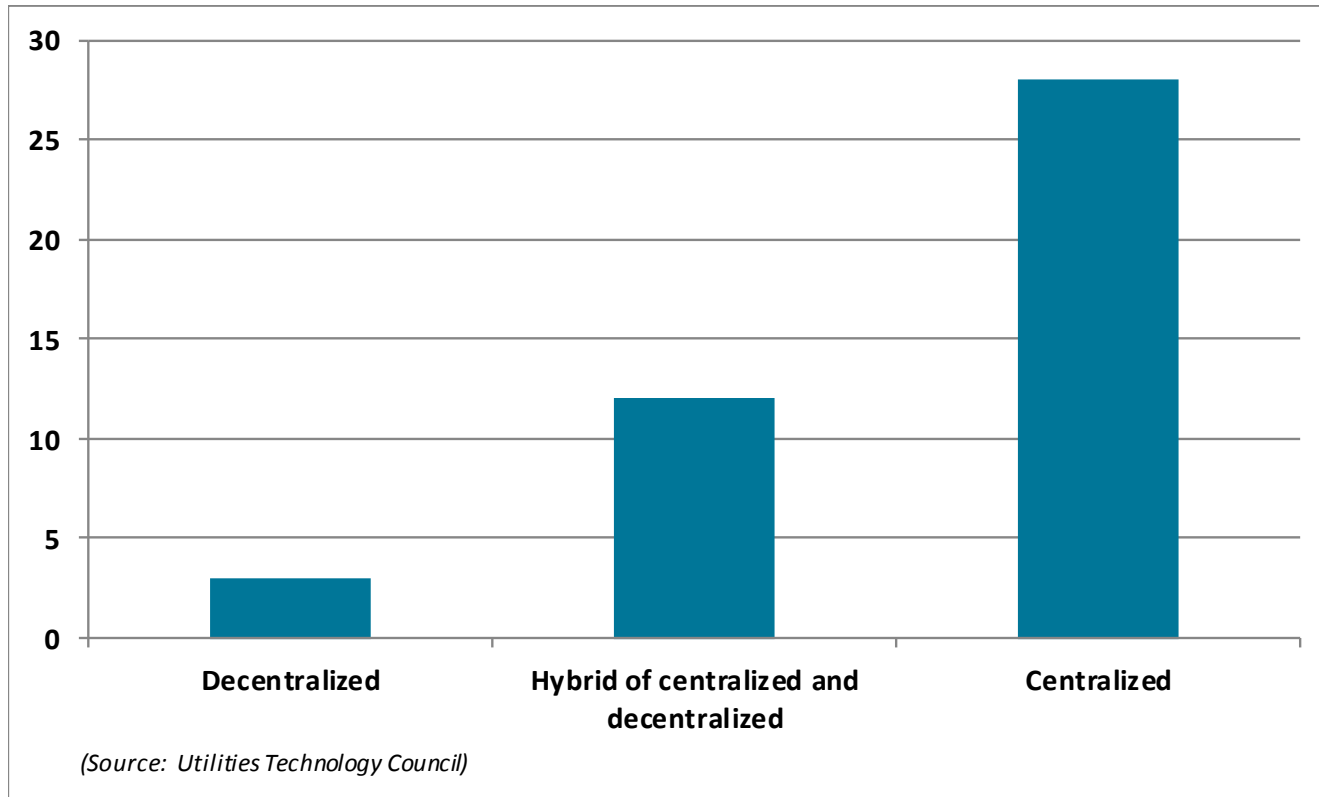
Supply Chain Risk



Supply Chain Centralization - 2016



Supply Chain Centralization - 2017



Questions?

