

BIO - RANDALL W. RICE

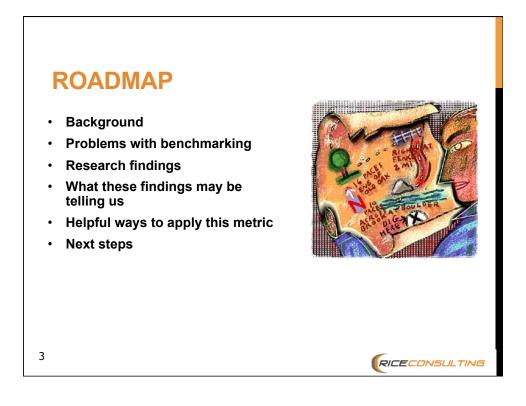
- Over 35 years experience in building and testing information systems in a variety of industries and technical environments
- Certified Software Quality Analyst
- Certified Software Tester

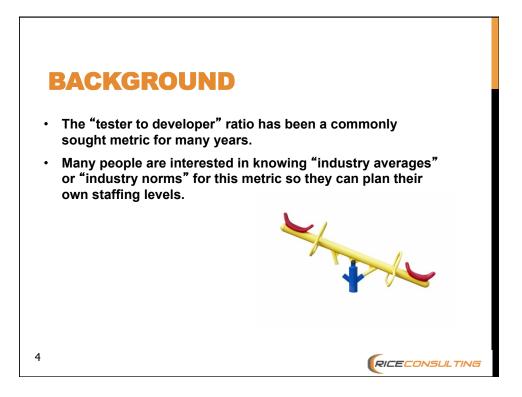
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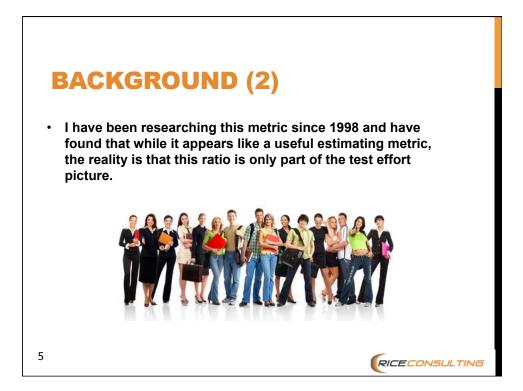
- ASTQB Certified Tester Foundation level, Advanced Level
- Treasurer of the American Software Testing Qualification Board (ASTQB)
- Chairperson, 1995 2000 QAI's annual software testing conference
- Co-author with William E.Perry, Surviving the Top Ten
 Challenges of Software Testing and Testing Dirty Systems
- Principal Consultant and Trainer, Rice Consulting Services, Inc.





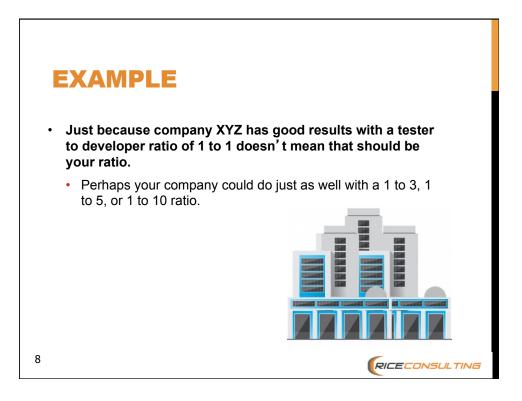


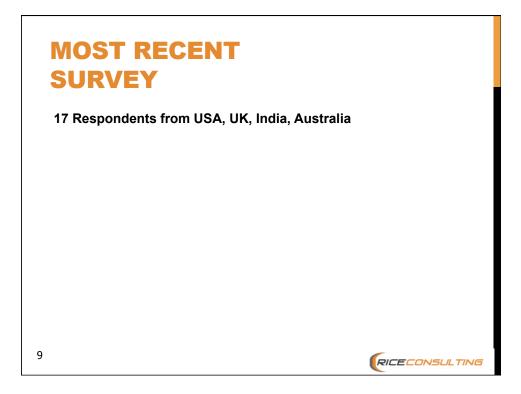


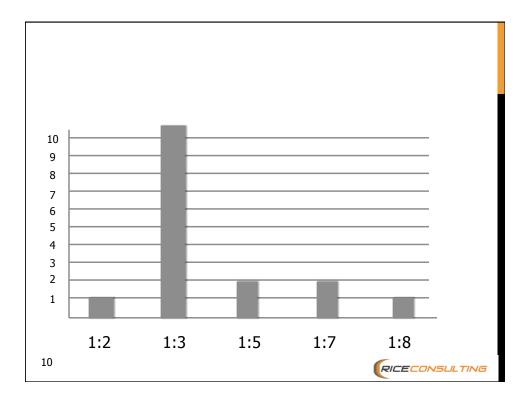


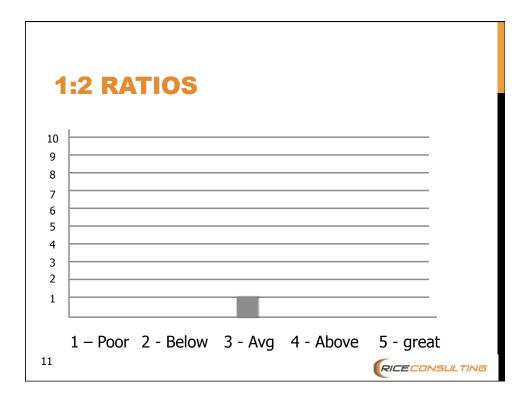


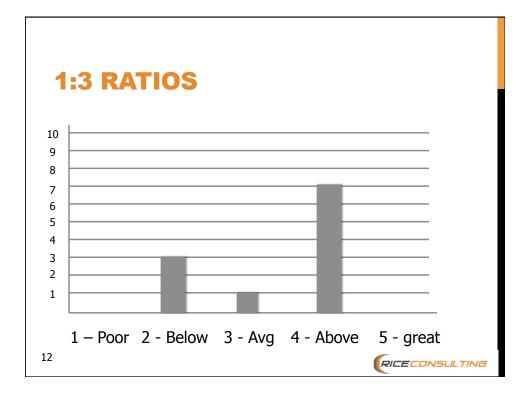


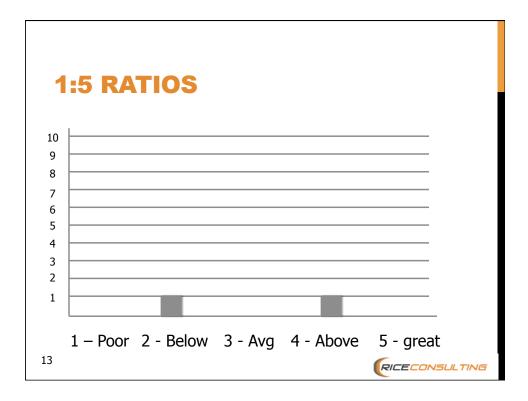


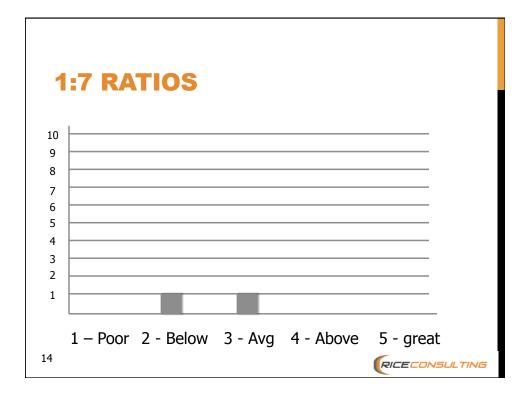


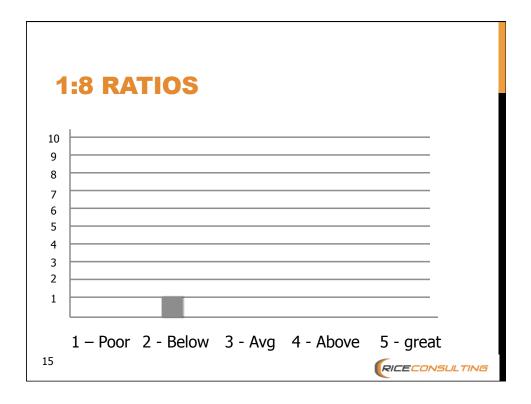


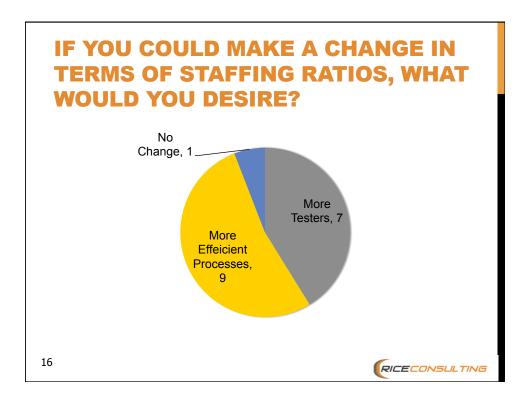


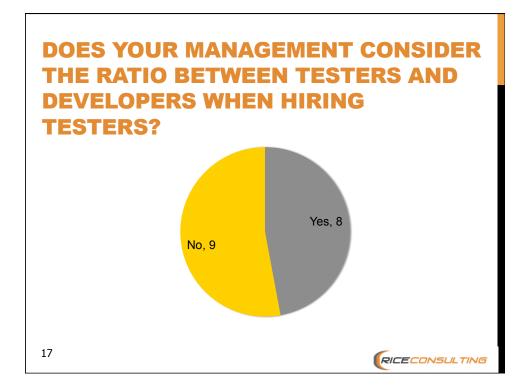


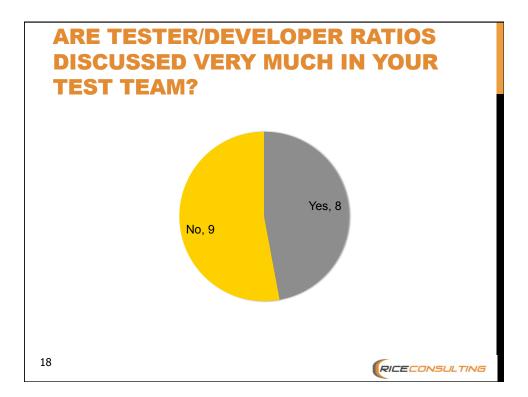












INTERESTING QUOTES

- In our org, it's an accepted fact that developers MUST play a role in testing / crafting tests / etc- post-codewriting, as well as pre & during. So, the ratios above (2 to 15) don't really tell the story. We only have 3 FULL-TIME testers, but if you'd said FTEs (FT equivalents), it probably would have been more like 5. So, just FYI-so I don't bias the results improperly.
- It is very hard to be the only tester for a team of 7 developers. I need (and can't get) additional training, better tools and more testers. Sadly, the company seems satisfied with the release of many bugs as well as critical bugs to customers of the software because they are aware of the lack of the things listed above. Seems testing is just not important enough. They keep hiring more & more developers but expecting different results.

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19

INTERESTING QUOTES (2)

- The tools and quality of first draft developer work have a lot to do with the ratio's validity. This team has a lot of low-bug developers and highly trained testers but not a lot of tools and resources to make testing more efficient. It is also difficult to communicate the results clearly to the business, but that is not a ratio issue.
- Big issue is the complexity of software to test and technical debt incurred as project(s) develop (e.g. changes in one part of screen or program breaking other unexpected ares)
- We use continuous integration Selenium for front end automation, TestNG for backend automation & JMeter for Webservices automation. Developers arre equally responsible for writing automation testcases which are reviewed and owned by automation testers. One tester is usually sufficient to maintain smoke, regression & functional test cases by 3 developers.

20



