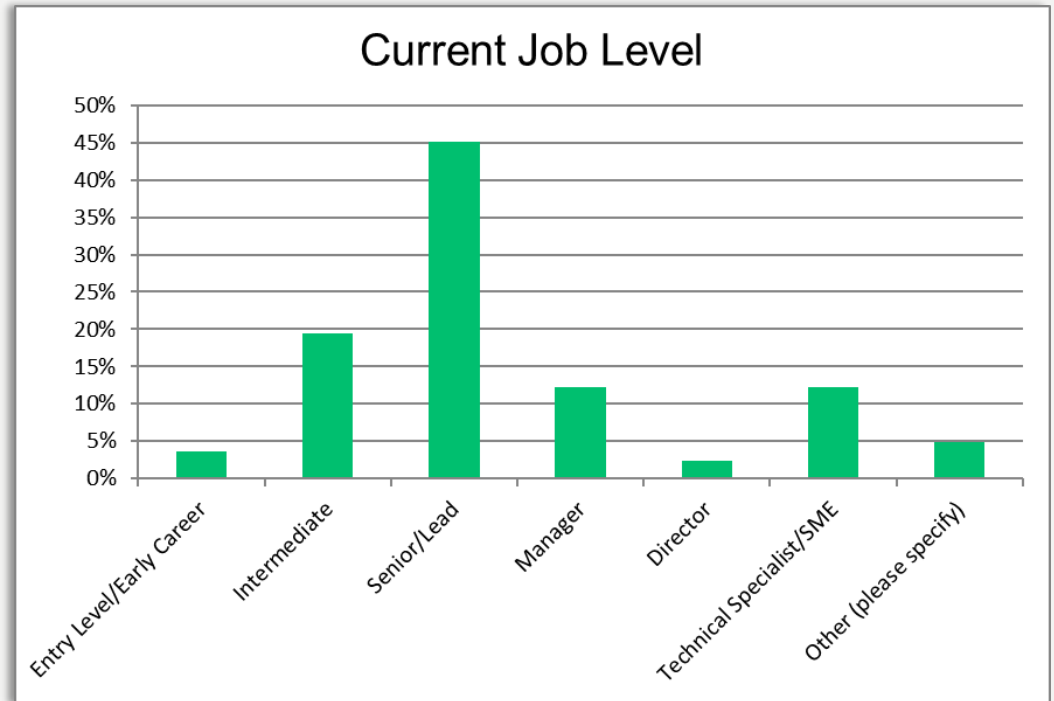


# **THE STATE OF OUR PROFESSION**

**2<sup>ND</sup> BI-ANNUAL REPORT  
BASED ON RESPONSE TO TCQAA SURVEY**

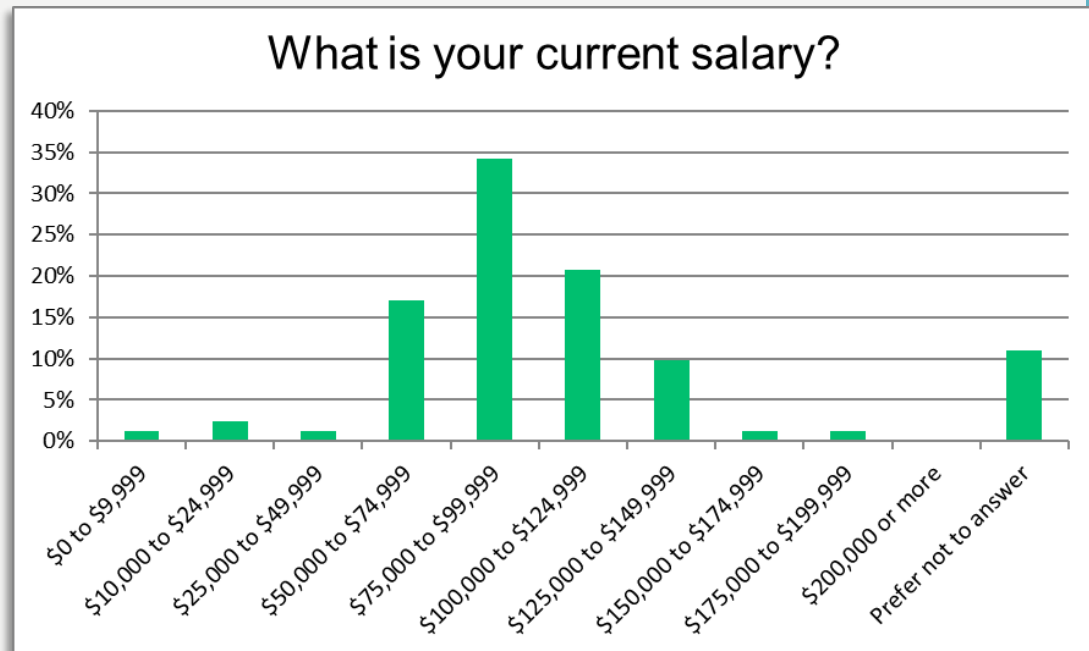
# DEMOGRAPHICS

- Job Category:
  - 80% “QA”
  - 7% “Engineering”
- Job Level:
  - 45% “Senior/Lead”
  - 15% “Manager/Director”
  - 12% Technical Specialist
- Age
  - Nearly even distrib. ~25% ages: 30-39, 40-49, 50-59
  - 12% (10 responses) over age of 60
- Education
  - 59% Bachelors Degree
  - 21% Graduate Degree



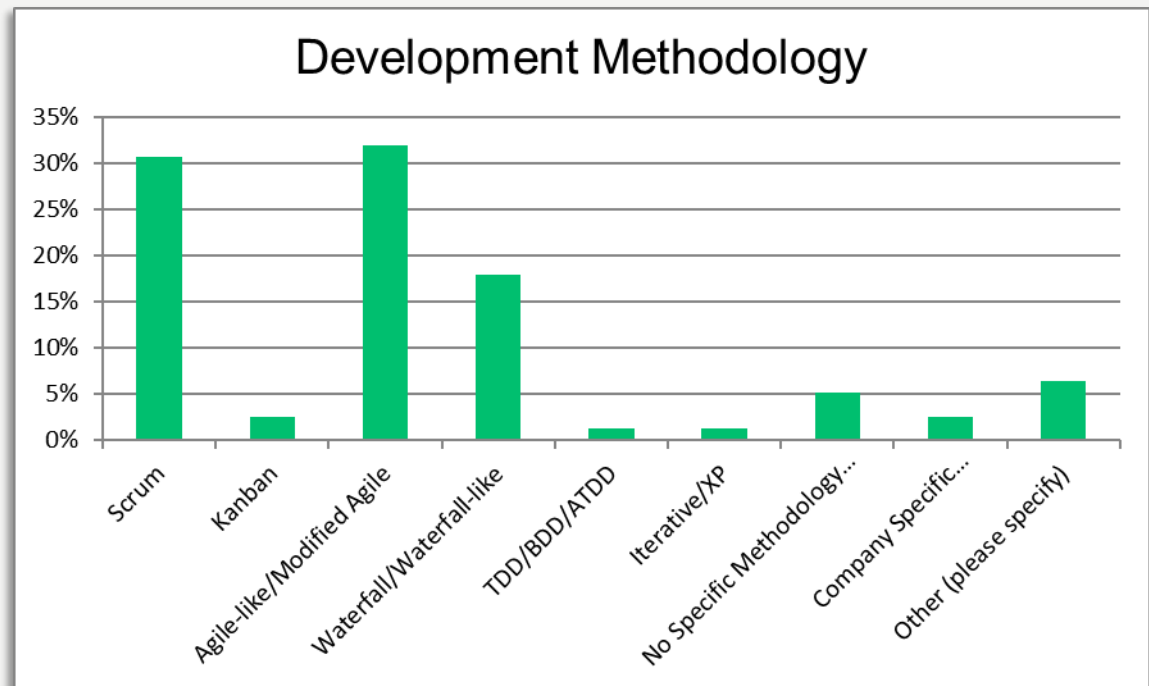
# DEMOGRAPHICS

- Employment Status
  - 74% Full Time Employee
  - 16% Contract/Hourly
  - 4% Independent Contractor
  - 6% Unemployed
- Citizenship
  - 90% US Citizen
  - 5% Green Card
  - 1% Authorized Non-Citizen
- Salary
  - Mode: \$75-99K
  - 34% > \$100K
  - 3% >\$150K or more
- Random:
  - 30% Make Hiring Decisions
  - Only 42% have all QA in one location



# PROCESS

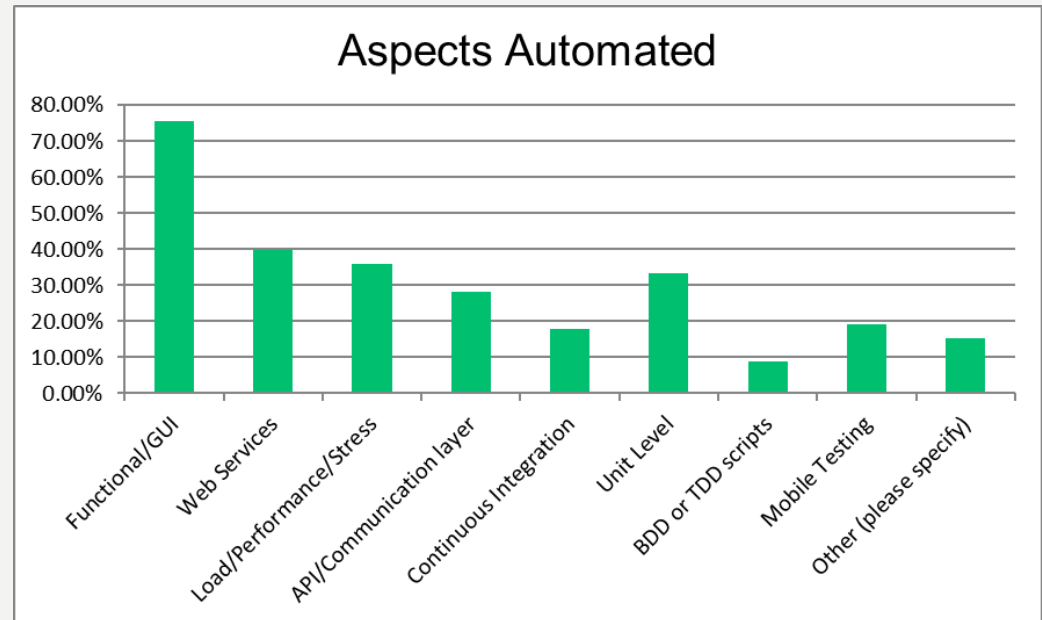
- Methodology
  - Mode: Agile-like/Modified Agile (24 respondents, 32%)
  - 31% Scrum
  - ONLY 18% Waterfall!!
  - 3% Kanban



# TECHNOLOGY

- What aspects of testing are automated within your organization?

- Functional/GUI: 76%
- Web Services: 40%
- Load/Perf/Stress: 36%
- Unit: 33%



- What percent of the total testing scope is automated vs. manual?

- 30% said less than 10%!!
- Only 18% have more than 50% automated
- 4% have 75% or more of the scope automated

# PEOPLE/CAREER

- Do you have the technical and professional skill set to perform your current job efficiently and effectively?
  - 61% “Mostly”
  - 35% “Definitely”
- Career Development/Learning:
  - Preferred learning method: On-Line Recorded (64%)
  - Greatest barrier to obtaining skills: No time during work hours (60%)
  - 86% do not have a formal certification
    - 54% feel they don’t need it do to extensive work history
    - 50% do not perceive certifications as useful to career development
    - 64% say when choosing between two candidates – having a certificate would have no affect on the candidate selection

# RESOURCES

- Favorite resources for information:
  - Automation Meetup Group
  - [www.softwaretestingmagazine.com](http://www.softwaretestingmagazine.com)
  - <http://softwareleadweekly.com/>
  - TechWell
  - Sticky Minds
  - Peers
  - Reddit
  - Google to grab blogs (no favorites - interesting topics get shared with the team)

# LOOKING AHEAD

- Most Concerned About:
  - Staying current and enhancing software development skills
  - Adopting Automation options
  - Ability to stay technical at higher job role tiers
  - Hit the glass ceiling
  - Losing technical skills
  - Trying to find an automated tool that fits
  - Technical skills and tools (Java, Gherkin/Cucumber)
  - Transitioning from individual contributor to lead/manager
  - Uncertain to stay in current field or branch into BA
  - DevOps
  - Meeting ambitious goals
  - The lack of standardization to meet Waterfall or Agile needs (and the fact that everyone thinks they are "Agile" but this word does not mean what they think it means)



# LOOKING AHEAD

- Most Looking Forward To:
  - Dev Ops
  - Moving more teams to Agile
  - Increased automation and technical skills
  - To take on more of a leadership/mentor role
  - More technical progression of the QA profession (over manual test)
  - Streamlining testing processes
  - Knowledge of business process better to more effectively assist teams with QA in a timely fashion..and more money :)
  - Learning more tools
  - Integrating automation to our scrum process
  - Moving up to be part of more decision making
  - Automation

# LOOKING AHEAD

- Interest in Professional Development Day?
  - 48% Somewhat Likely to Attend
  - 25% Mostly Likely to Attend
  - 20% Very Likely to Attend
- TCQAA Meetings
  - 4-6:00 timeframe works for most (66%)
  - Locations: 33% Central Metro, 23% Northwest, 23% Southwest
- Hot Topics
  - Continuous Integration
  - DevOps Tools
  - Agile Testing
  - NO Interest: HP testing tools