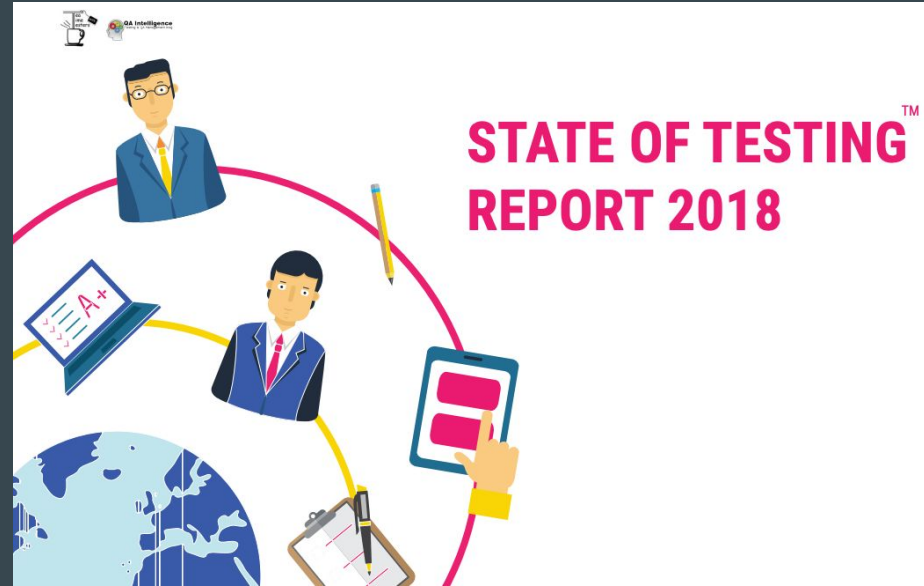


Global Trends & The Future of Testing



About Me!

QA / Testing

(last 22 years)

- Tester
- QA Manager
- Blogger
- Speaker
- Solution Architect



Joel Montvelisky
Follow: [@joelmonte](https://twitter.com/joelmonte)

PractiTest

- Chief Solution Architect
- QA Manager

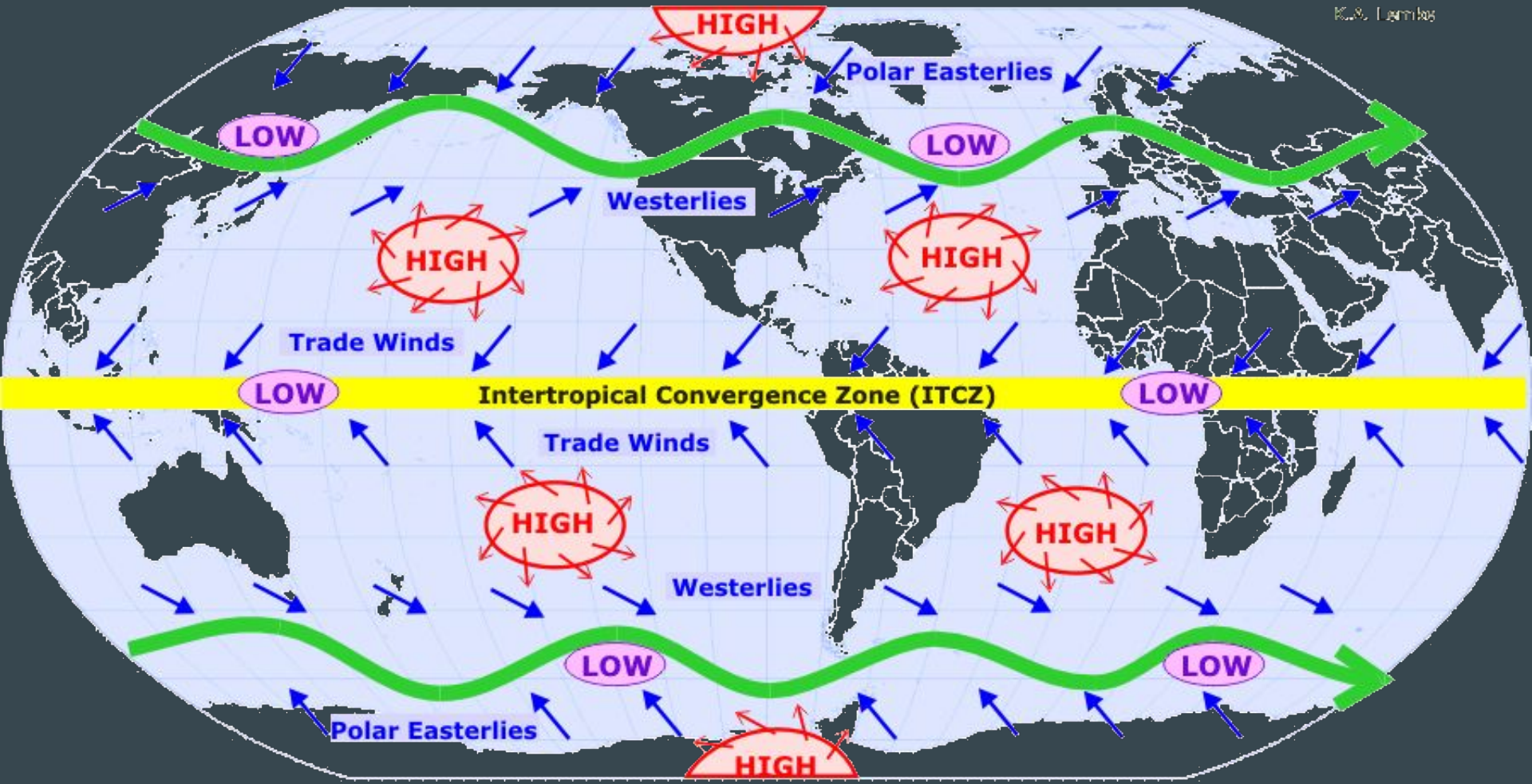
Other Stuff

- State of Testing™
- Online Test Conference
- Testing 1 on 1 Podcast

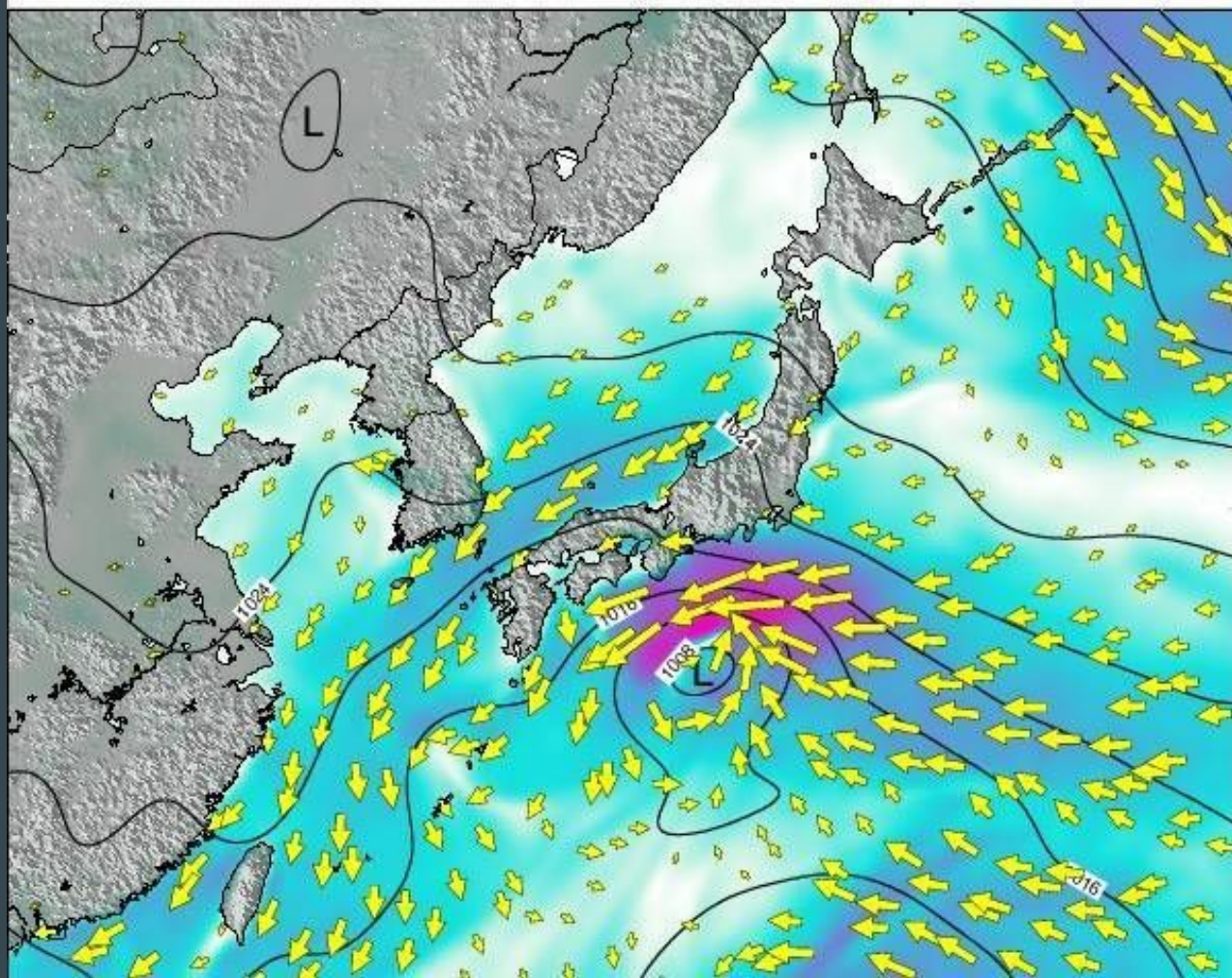
(with Rob Lambert)

Global Trends & The Future of Testing

Why should YOU care about Trends in Global Testing?



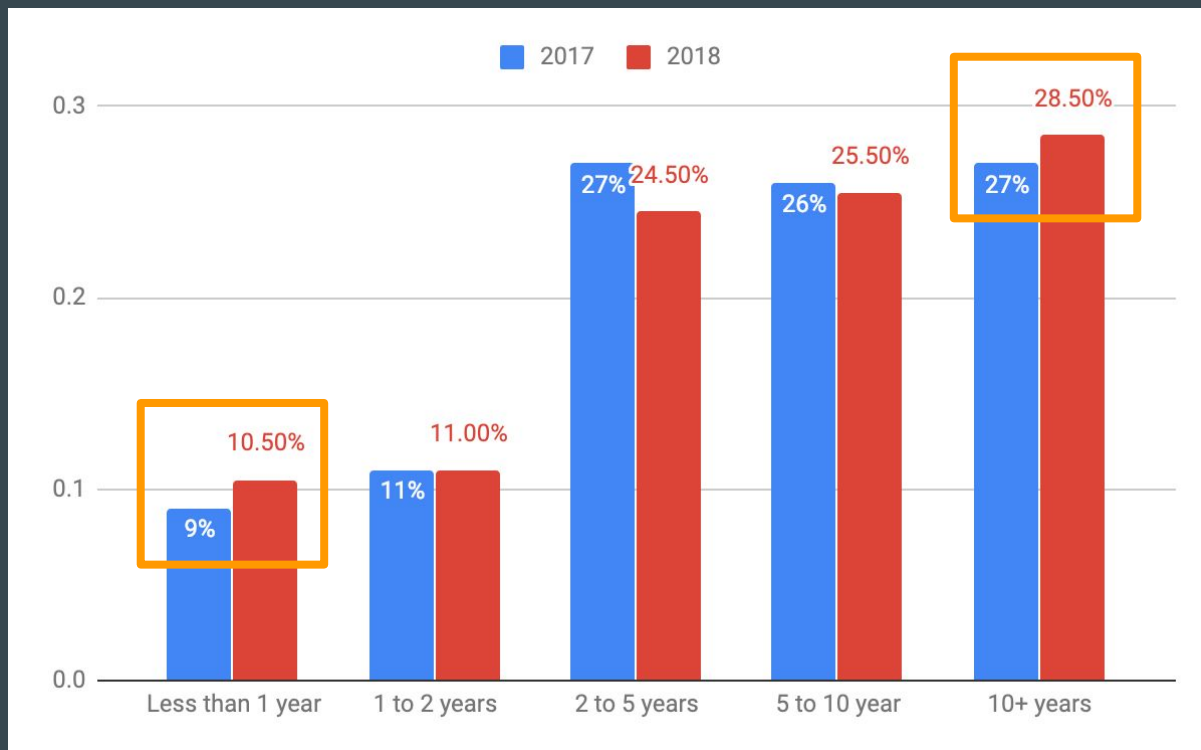
Surface Wind on Tuesday 26 Feb at 9am JST
Mean Sea Level Pressure Isobars



**What is happening
around the
World of Testing &
Quality Assurance?**



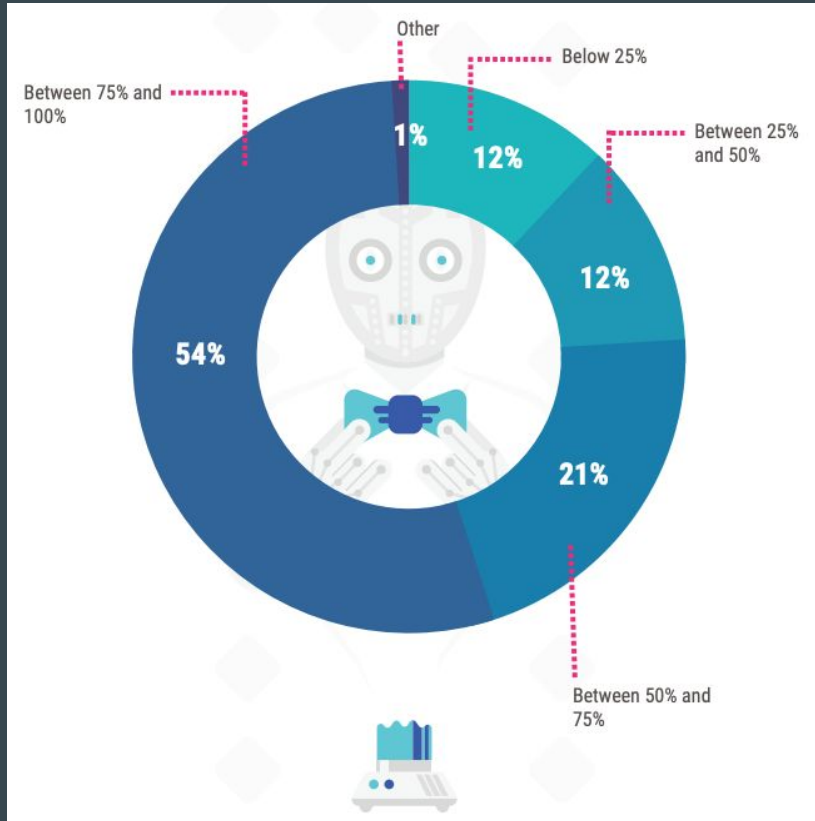
1. Testing is Not Dying!



More New Testers &
more Experienced Testers

More testers starting and more testers are staying, this shows that the overall testing profession is growing in numbers

2. Testers are doing more than “just testing”



$\frac{2}{3}$ of testers spend 25% of their time or more Not Testing ($\frac{1}{4}$ spend less than 50% testing!)

What are they doing with their time???

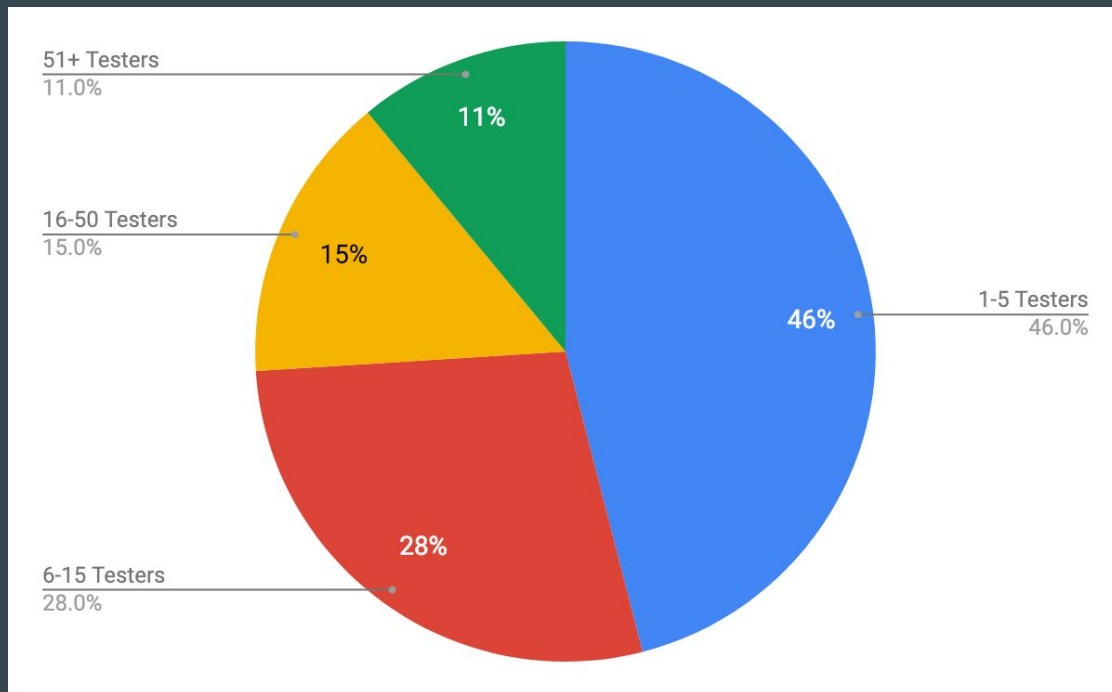
- Data & Environment management
- Documentation & Technical Writing
- Analysis of production and support data
- Coaching others on testing and quality
- Requirements & User Stories
- Customer Support
- Managing the Release Process (DevOps)
- Writing Unit Tests
- Writing Code!!!

3. Test teams are getting smaller

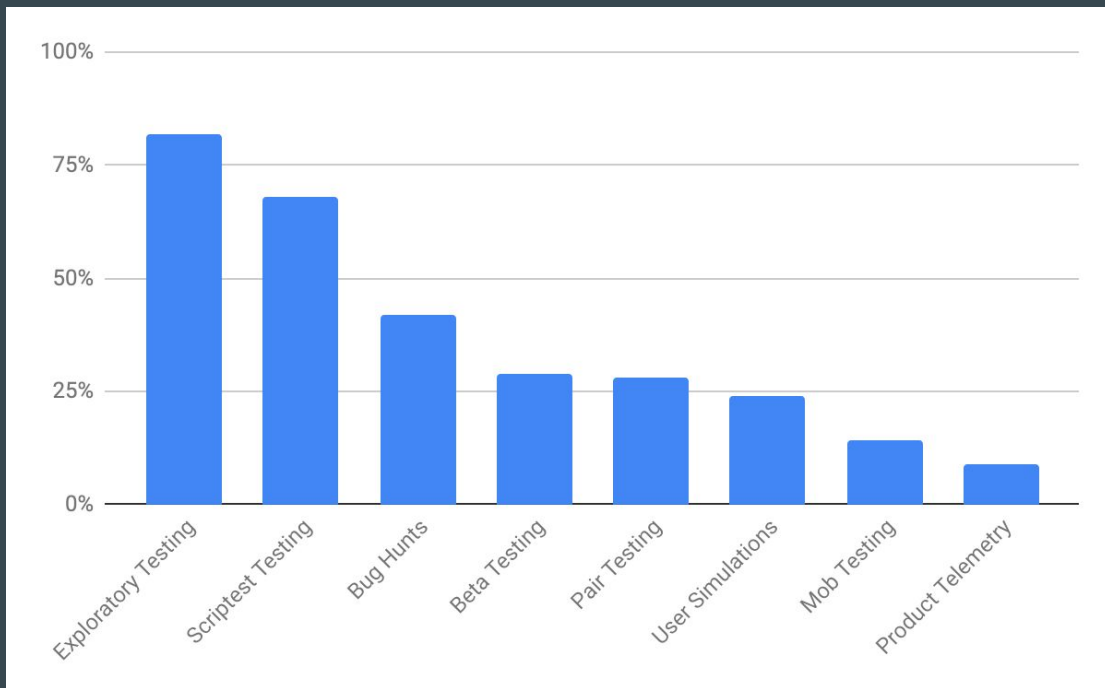
74% of testers work in teams of 15 testers or less

Why are testing teams getting smaller?

- Agile & DevOps are adding less testers directly into multidisciplinary teams.
- Testers are coaching others in the team how to test.
- Smaller companies are doing testing



4. Testing is a mix of different approaches & methodologies



There is no One-Way
to Test a Product !

Almost every project uses a mix of testing approaches to completely cover the testing needs of their products.

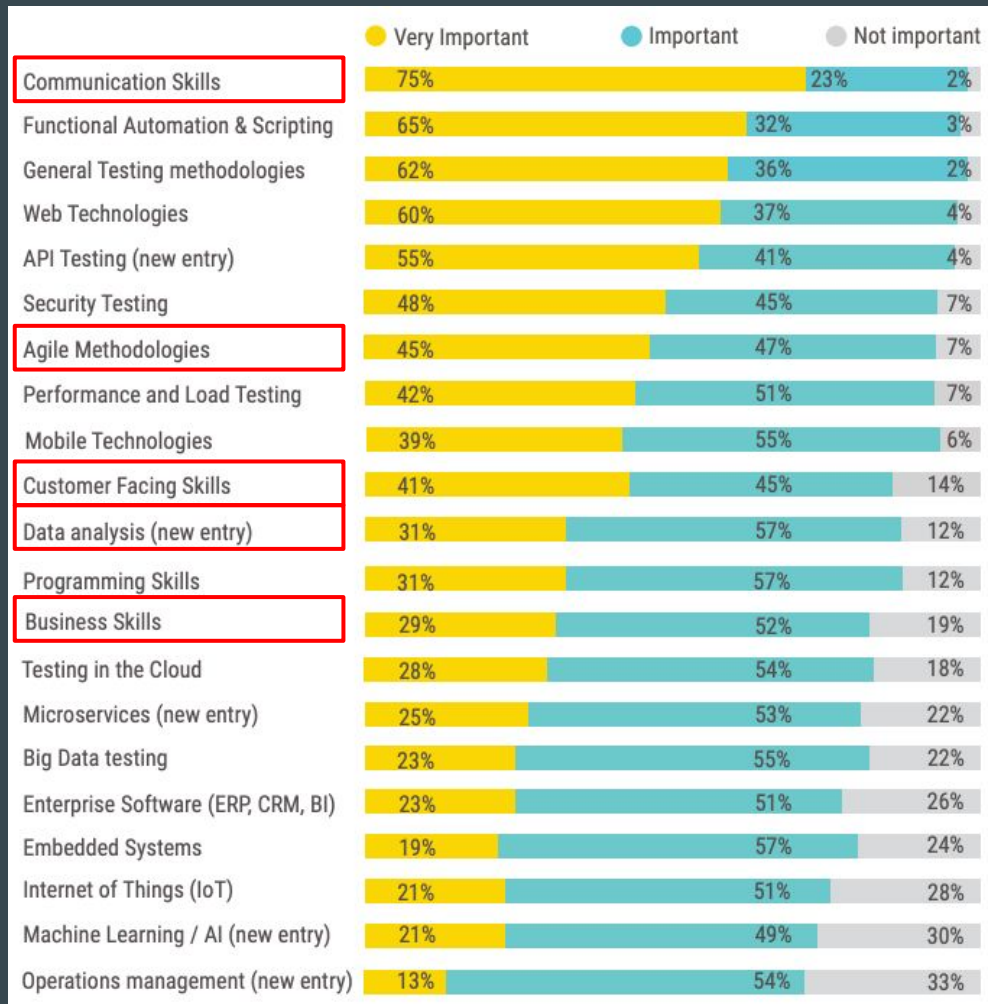
The secret is not to choose the best approach, but to understand what blend suits your needs.

5. Focus on the soft skills!

Testing is not only Technical Skills

Remember also to focus on

- Communication skills
- Agile methodologies
- Customer facing skills
- Data analysis
- Business skills



6. Implementing new ideas to testing

It's up to you to find new and better ways to test!
Look for inspiration on your fellow testers...

“Using production data to identify issues before customer reports them.”

“More testing in isolation using Docker.”

“I started to be less of a quality police and more of a quality advocate.”

“I created a ‘team’ of developers from each of our product teams to be voices for quality, reporting back to the Quality team lead...”

“Started using crowdtesting to supplement our internal testing activities.”

“Learned more about Ops, in order to accelerate the testing process.”

7. Should we be worried about the Future of Testing?



Testers are a little less concerned today
than they were a year ago...

Panel Discussion



State of Testing Survey 2019



<https://qablog.practitest.com/state-of-testing/>

Thank you!

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[@joelmonte](#)

<http://qablog.practitest.com>

<https://qablog.practitest.com/podcast/>