



# ATARC Federal DevSecOps Landscape Survey Findings

February 2021

*In Partnership with:*



*Underwritten by:*



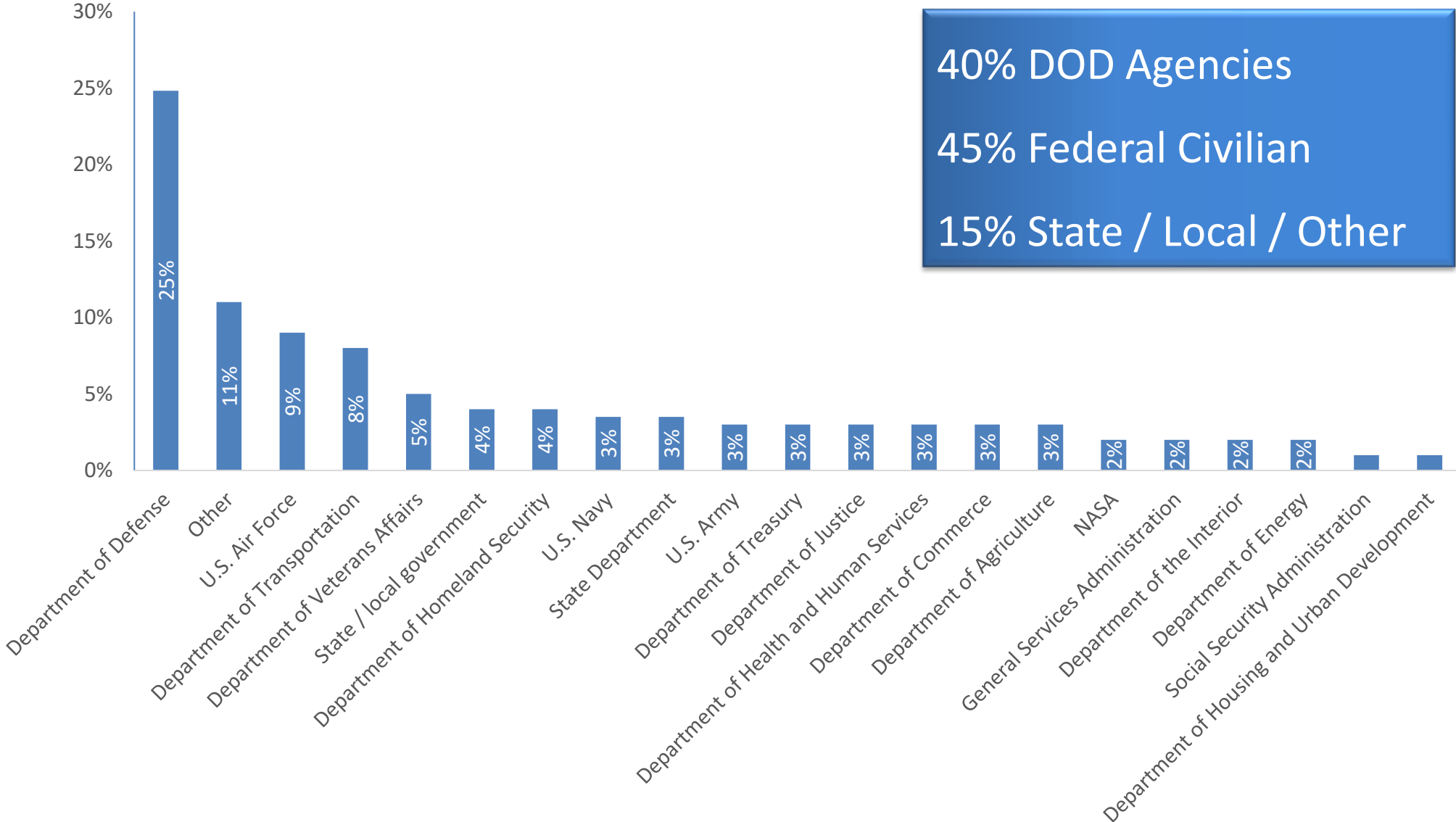
**GitLab**



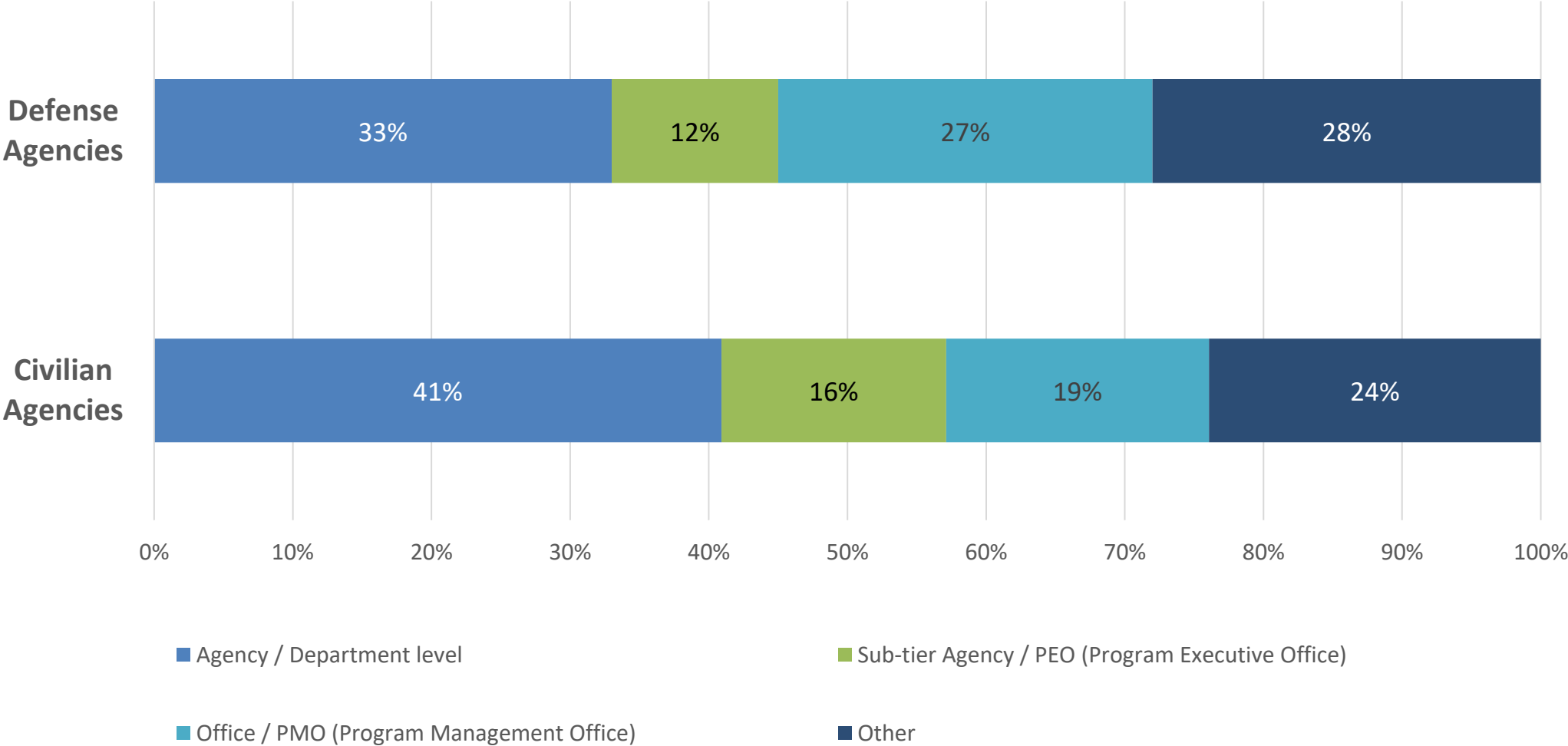
**Red Hat**

Advanced Technology Academic Research Center  
designed by government • led by government • attended by government

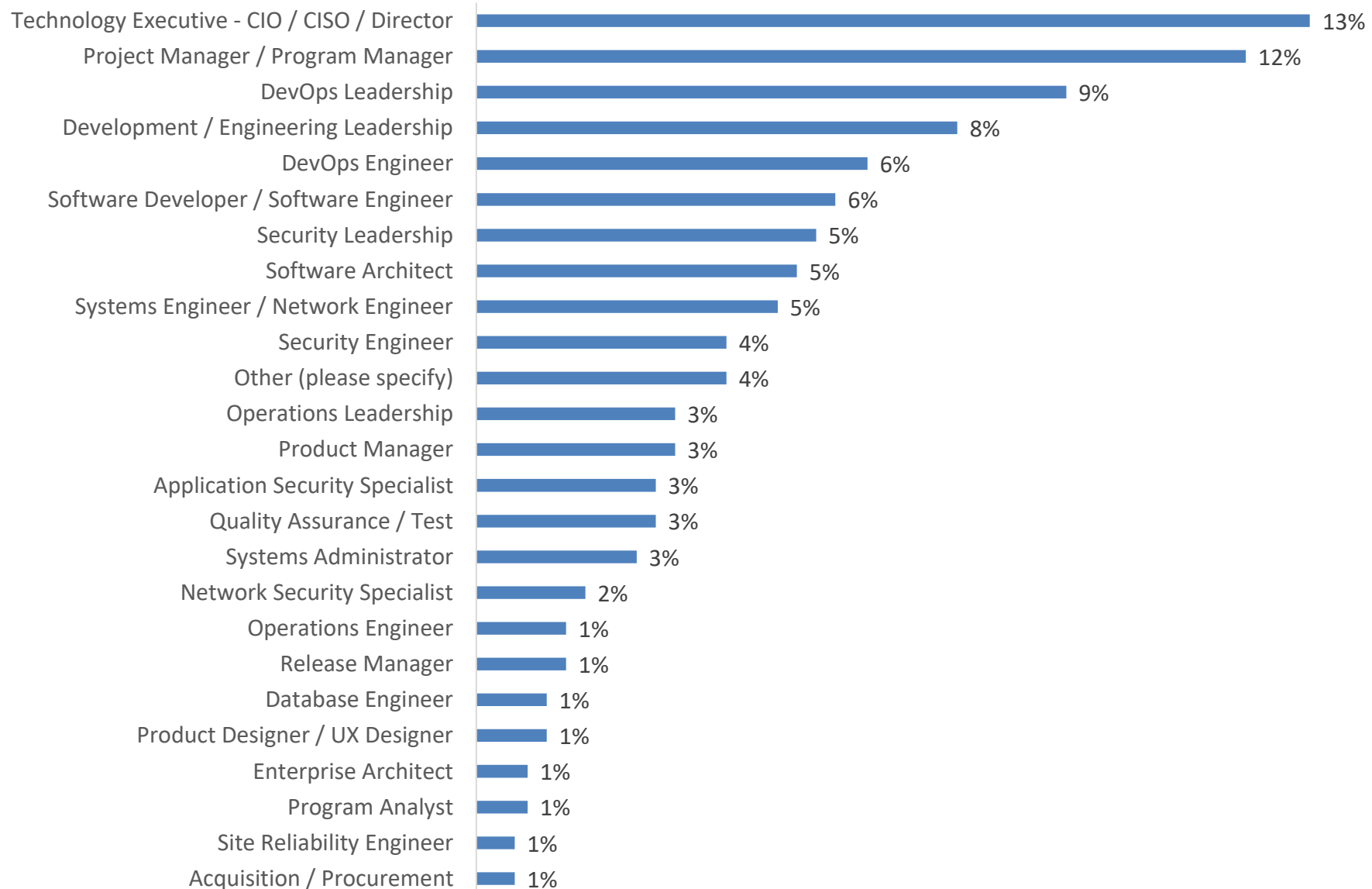
# Respondent Profile: Most Represented Agencies



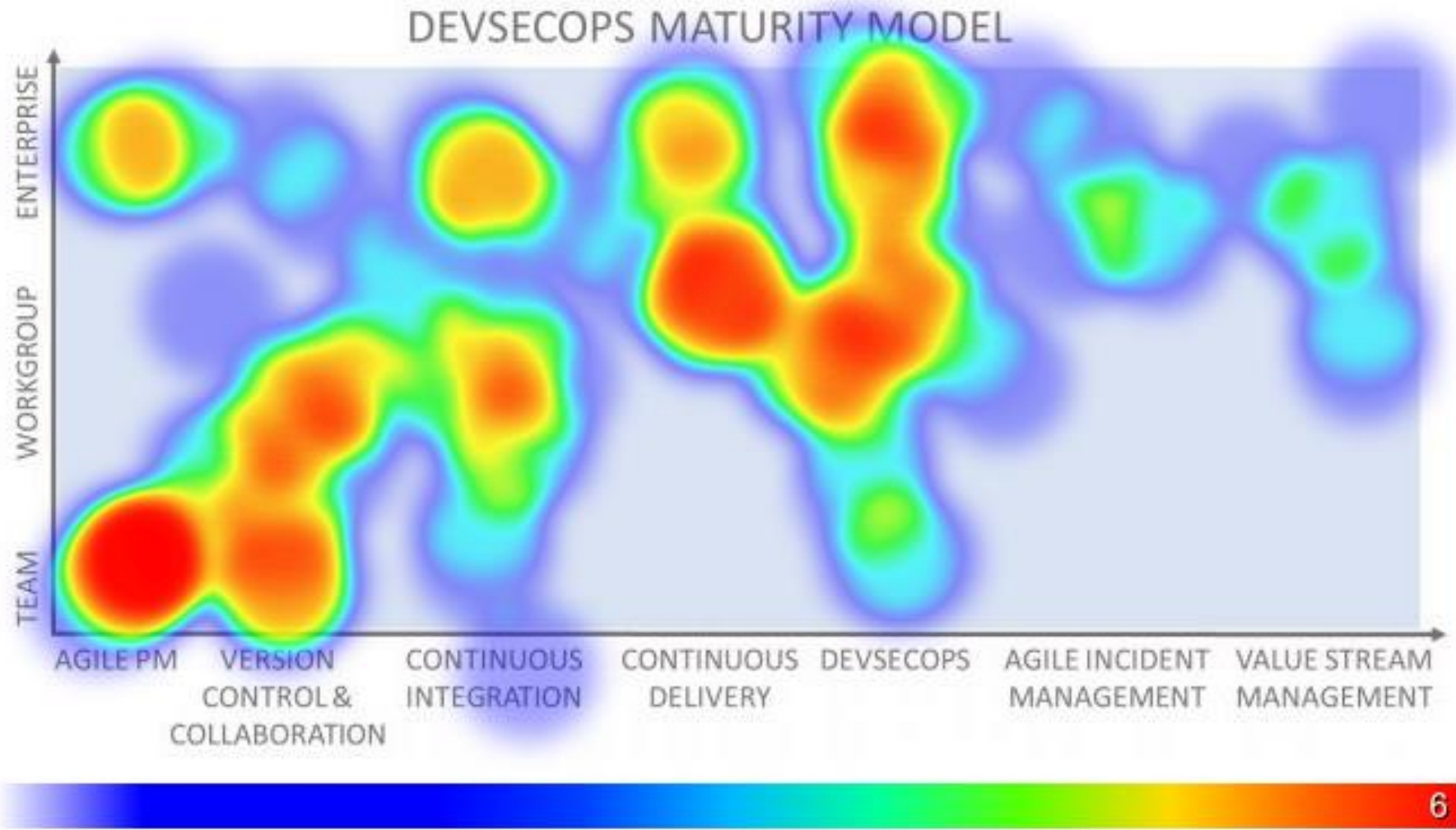
# Respondent Profile: Job Grade



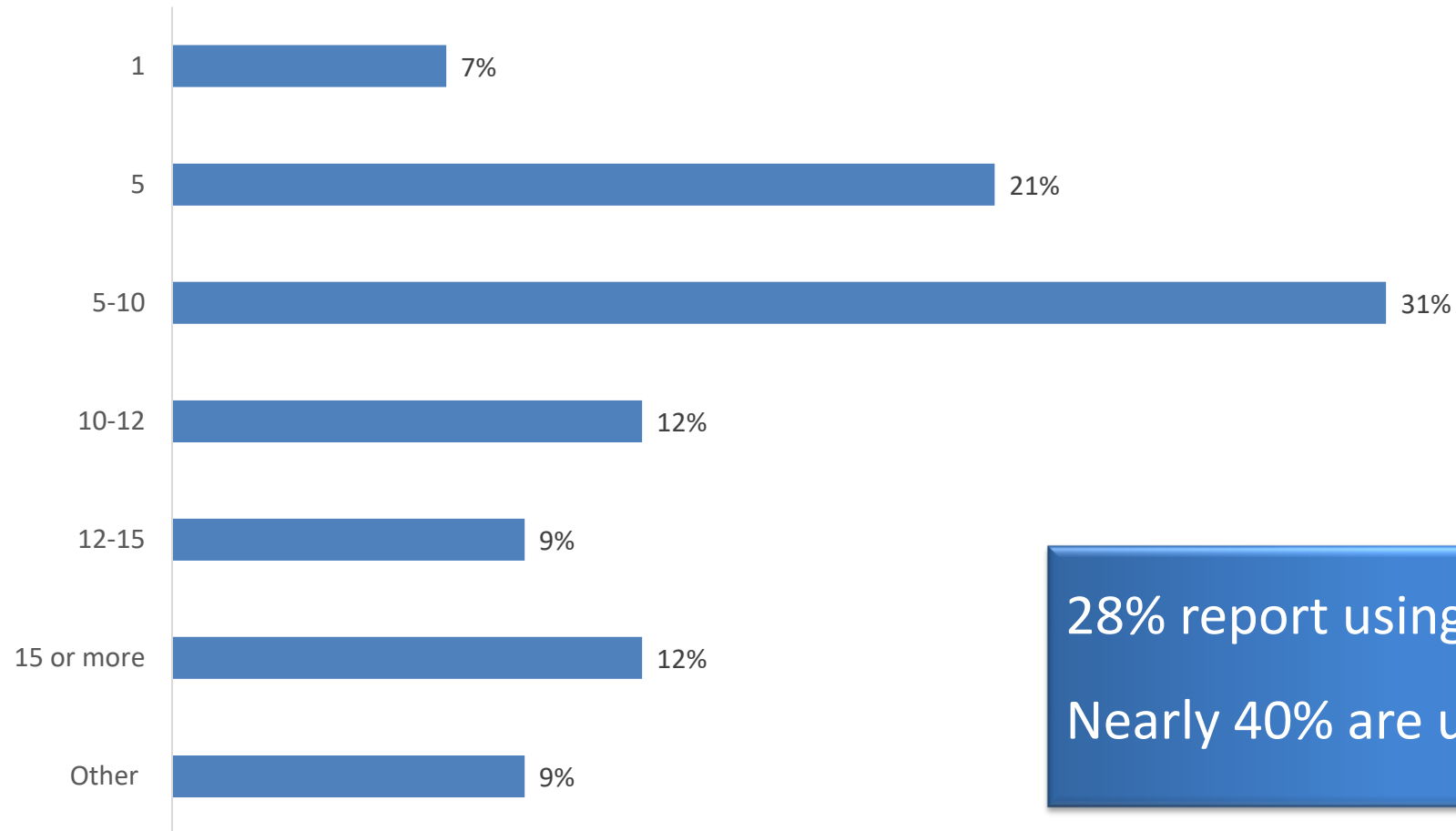
# Respondent Profile: Job Function



# DevSecOps Maturity Rating

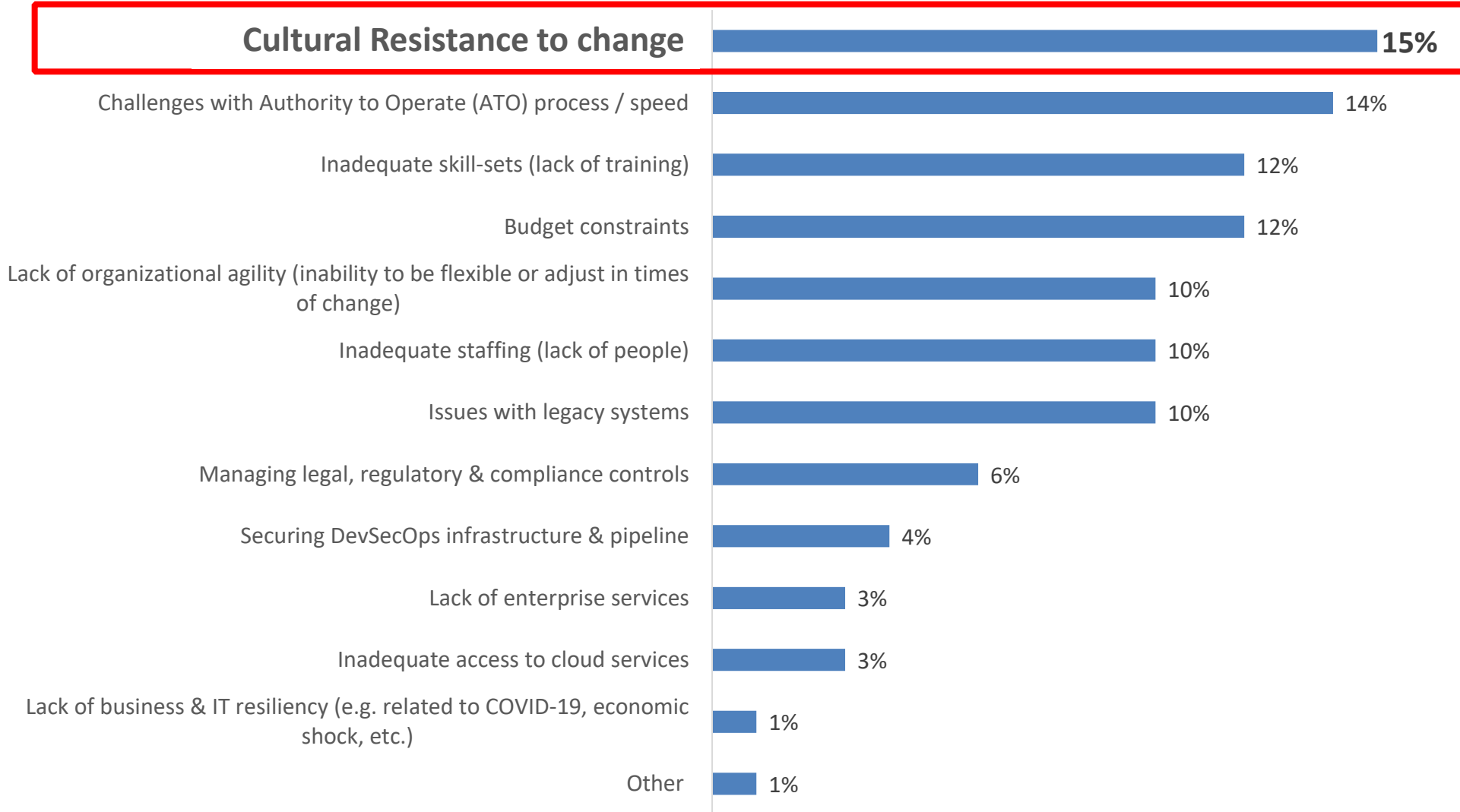


# Number of DevSecOps Tools in the Development Lifecycle

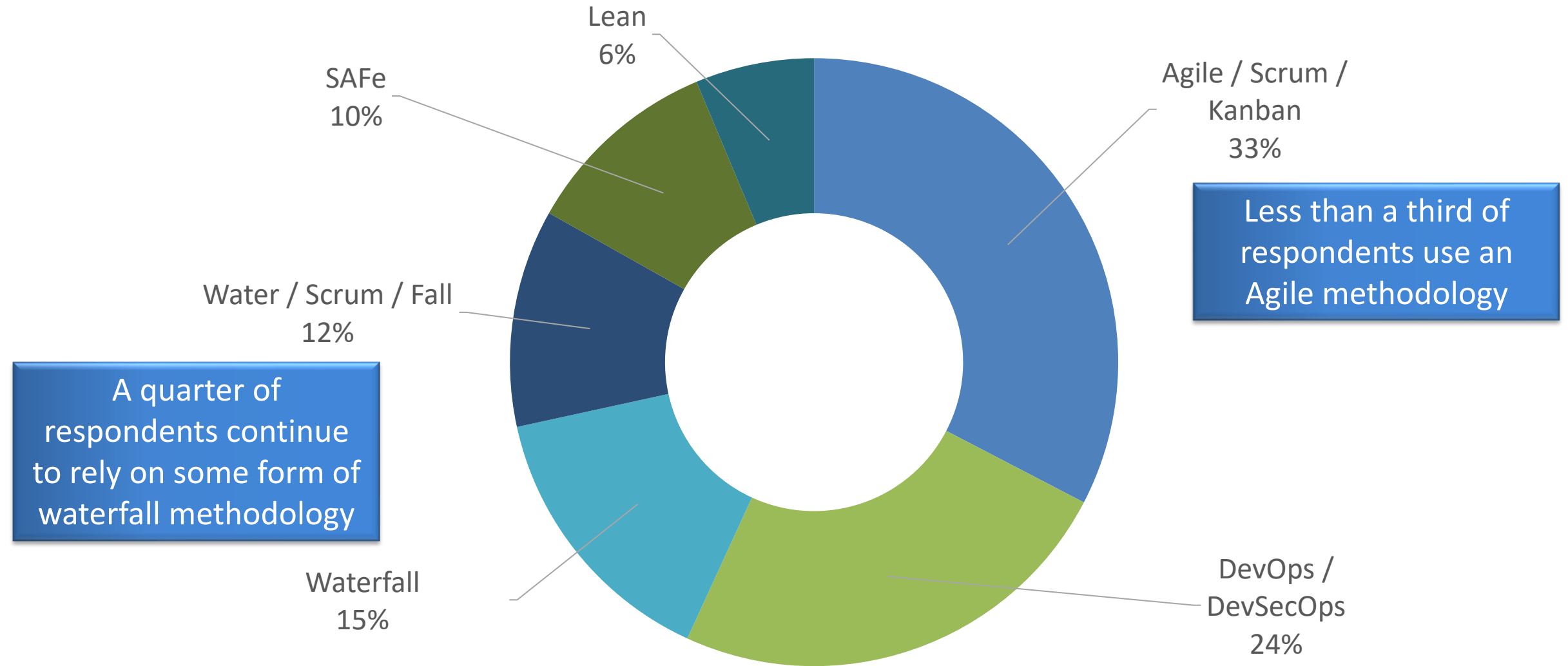


28% report using five or fewer tools  
Nearly 40% are using 10 or more tools

# Top IT Modernization Challenges

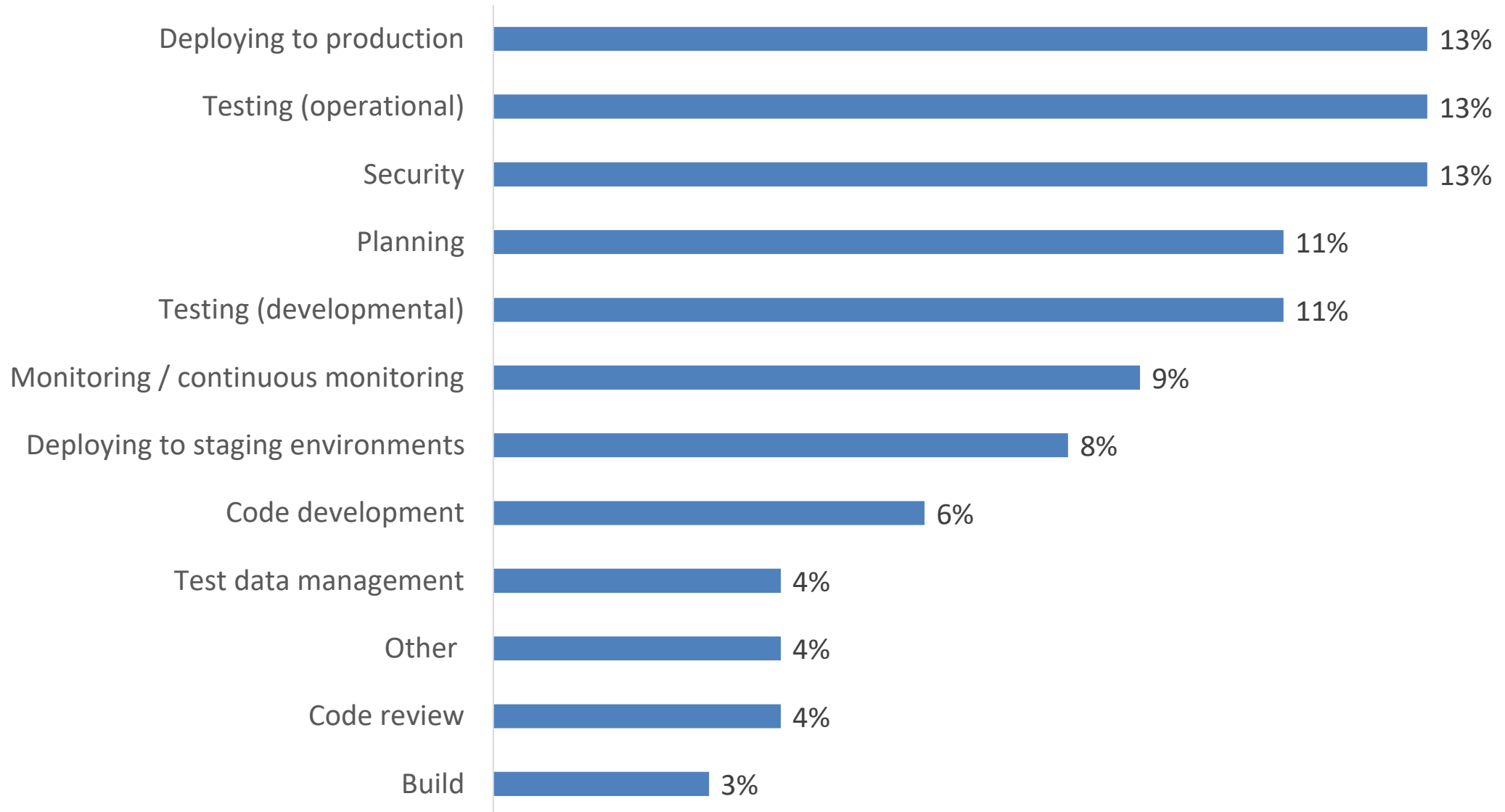


# Prevalent Software Development Methodologies

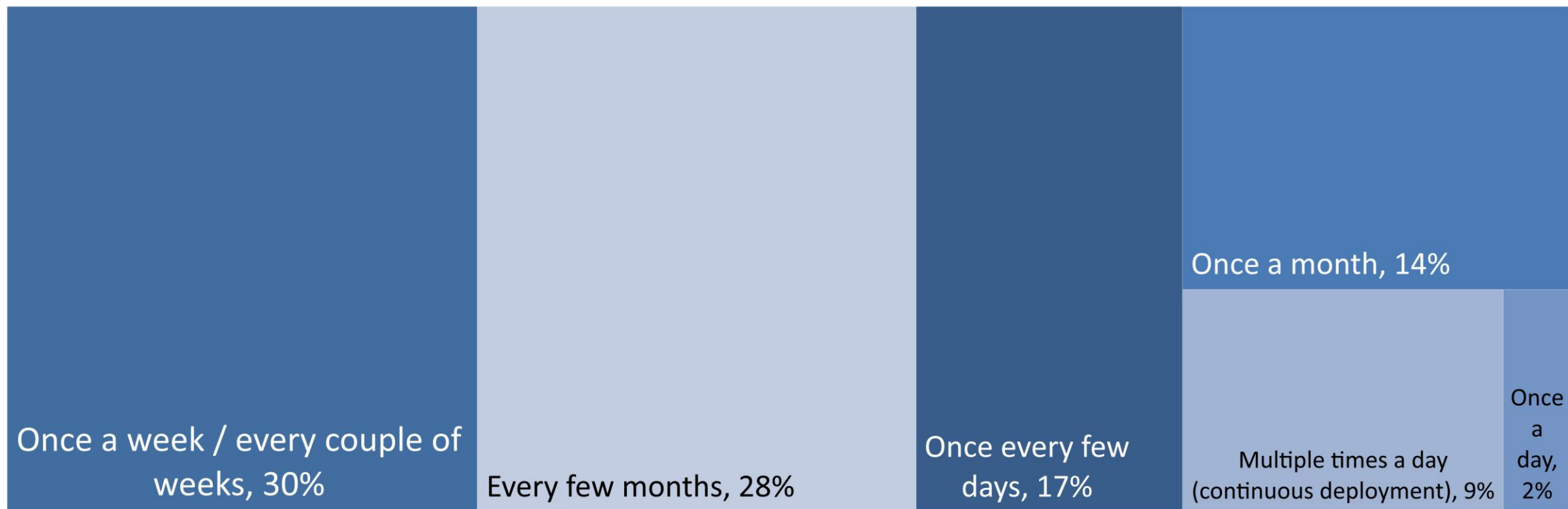




# Occurrence of Development Process Delays



# Frequency of Deployment to Production



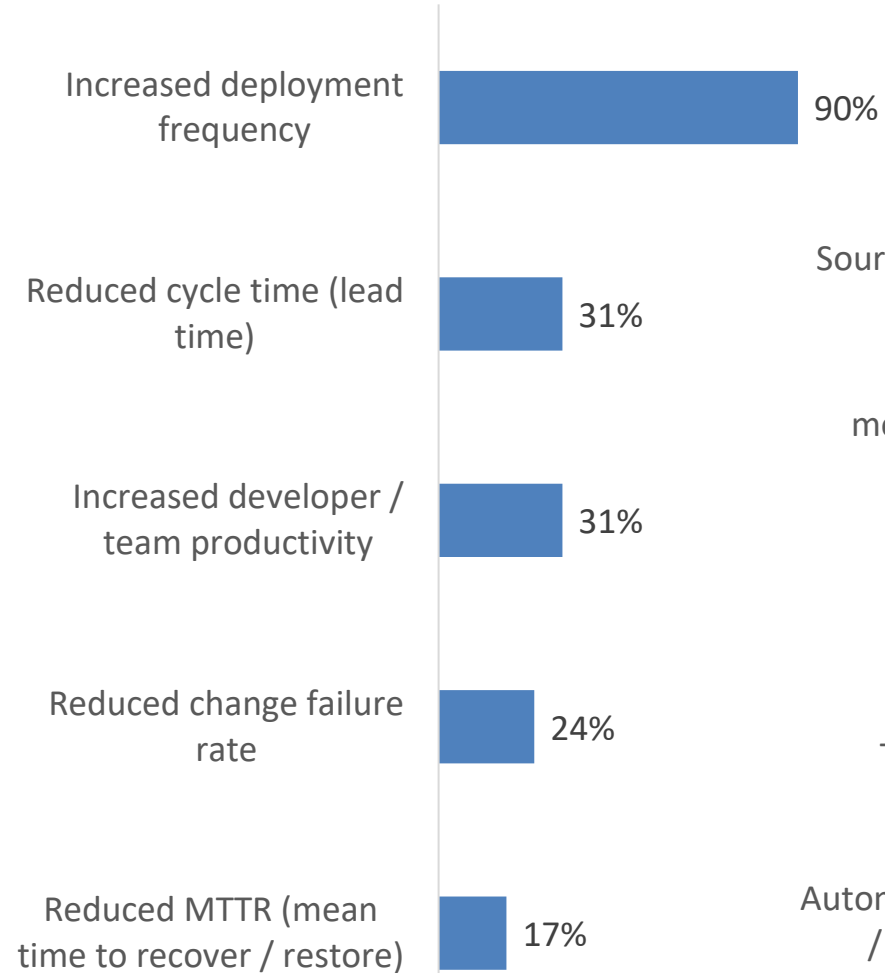
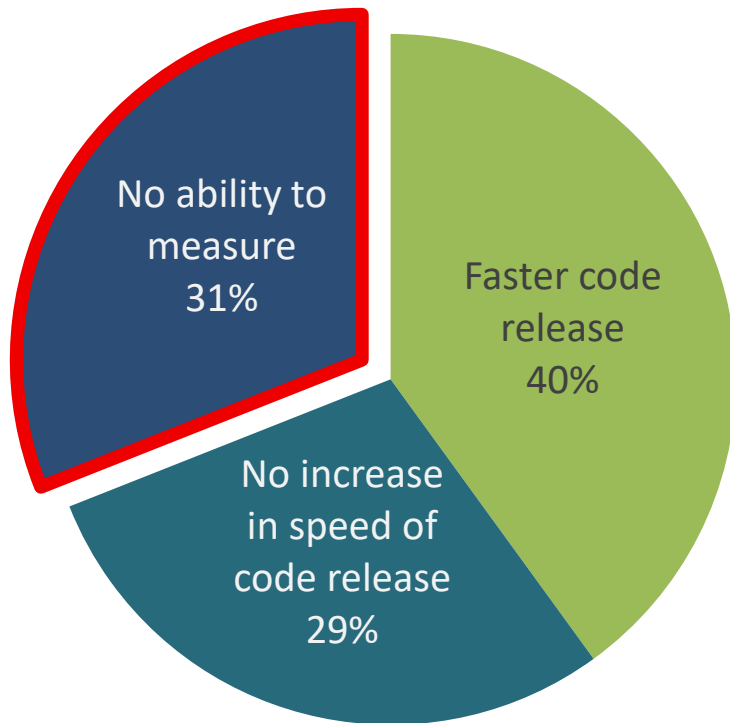
28% deploy JUST every few months



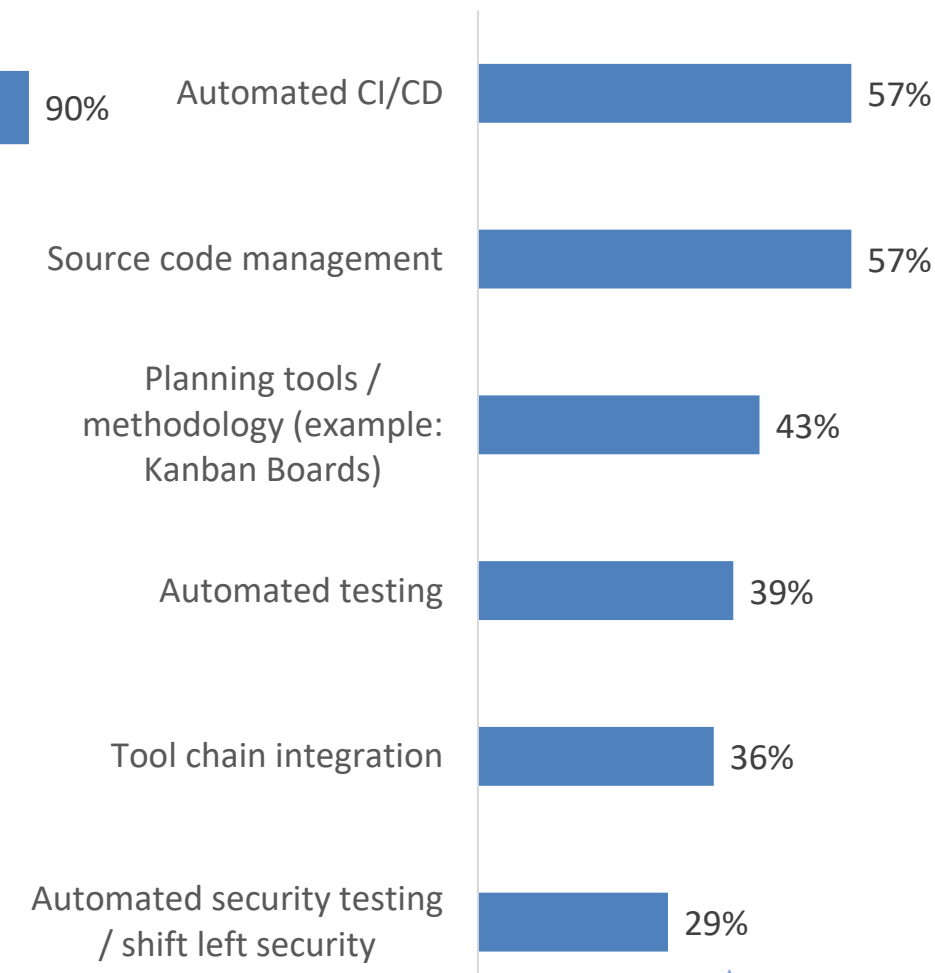
MERE 11% deploy at least once a day

# Increase in Speed of Code Release (within last 6 months)

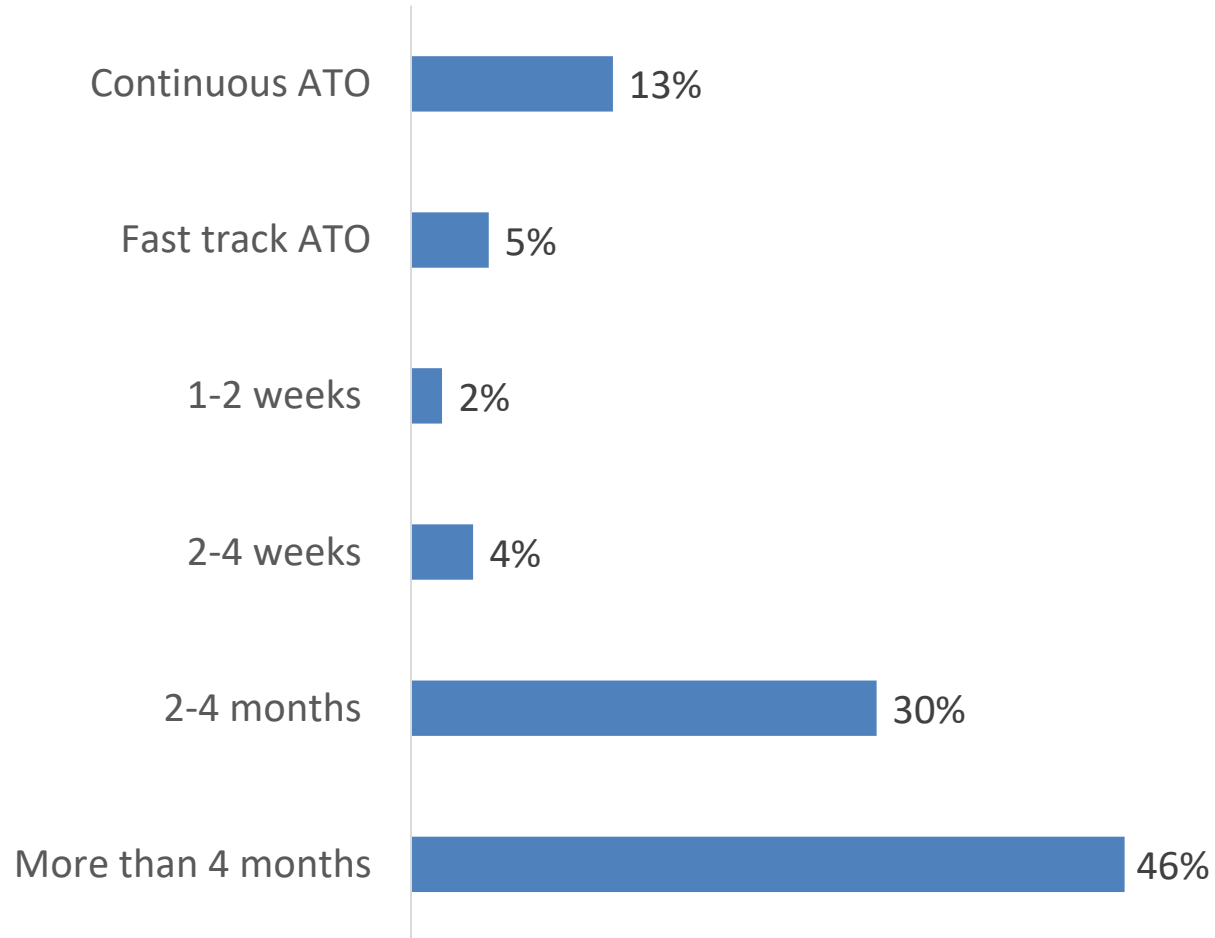
## Ways of measuring increased speed in code release



## Changes contributing to the increased speed in code release



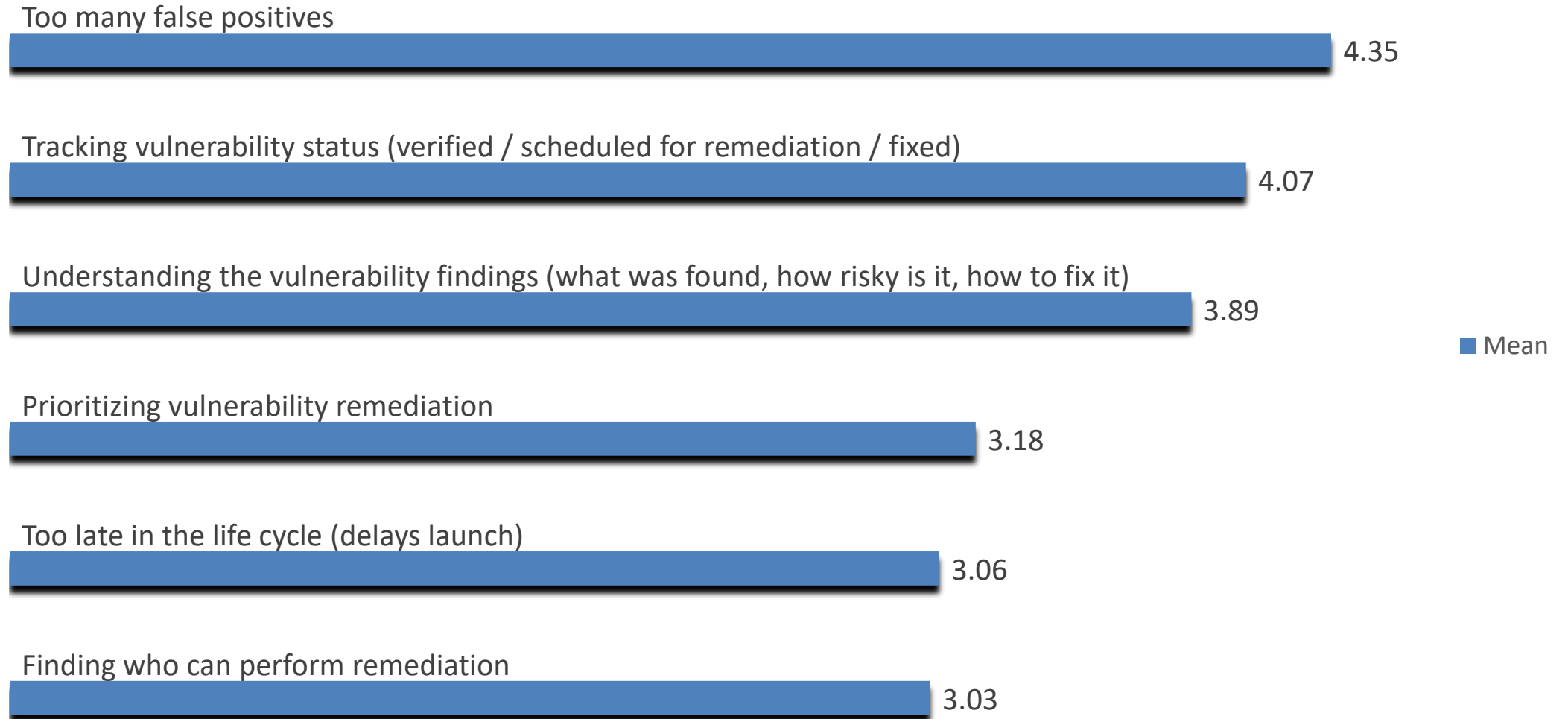
# Typical Length of Time to Obtain Authority to Operate (ATO)



## The Challenge of ATO

Meeting stringent security requirements prior to being granted ATO is important. However, it causes major delays in getting applications into the hands of business users and the public. For nearly half of respondents it takes typically over four months for their organizations to grant an application ATO.

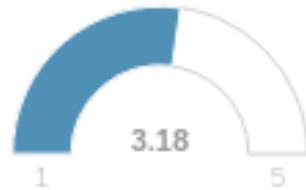
# Biggest Frustrations with Security Testing



# Impact of Recent Remote Work on ...

ability to deliver on transformation strategies (1- significantly reduced, 5 - significantly increased):

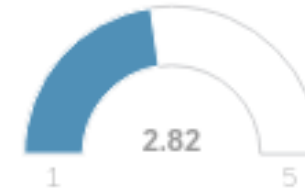
Ability to access technology resources



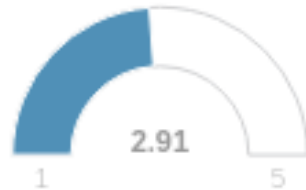
Ability to develop / maintain meaningful relationships between people



Ability to make culture changes



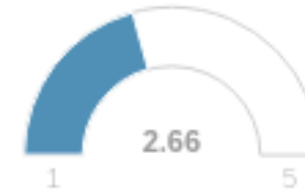
Ability to make policy changes



Ability to research / assess vendor capabilities



Ability to spend budgets / make procurements

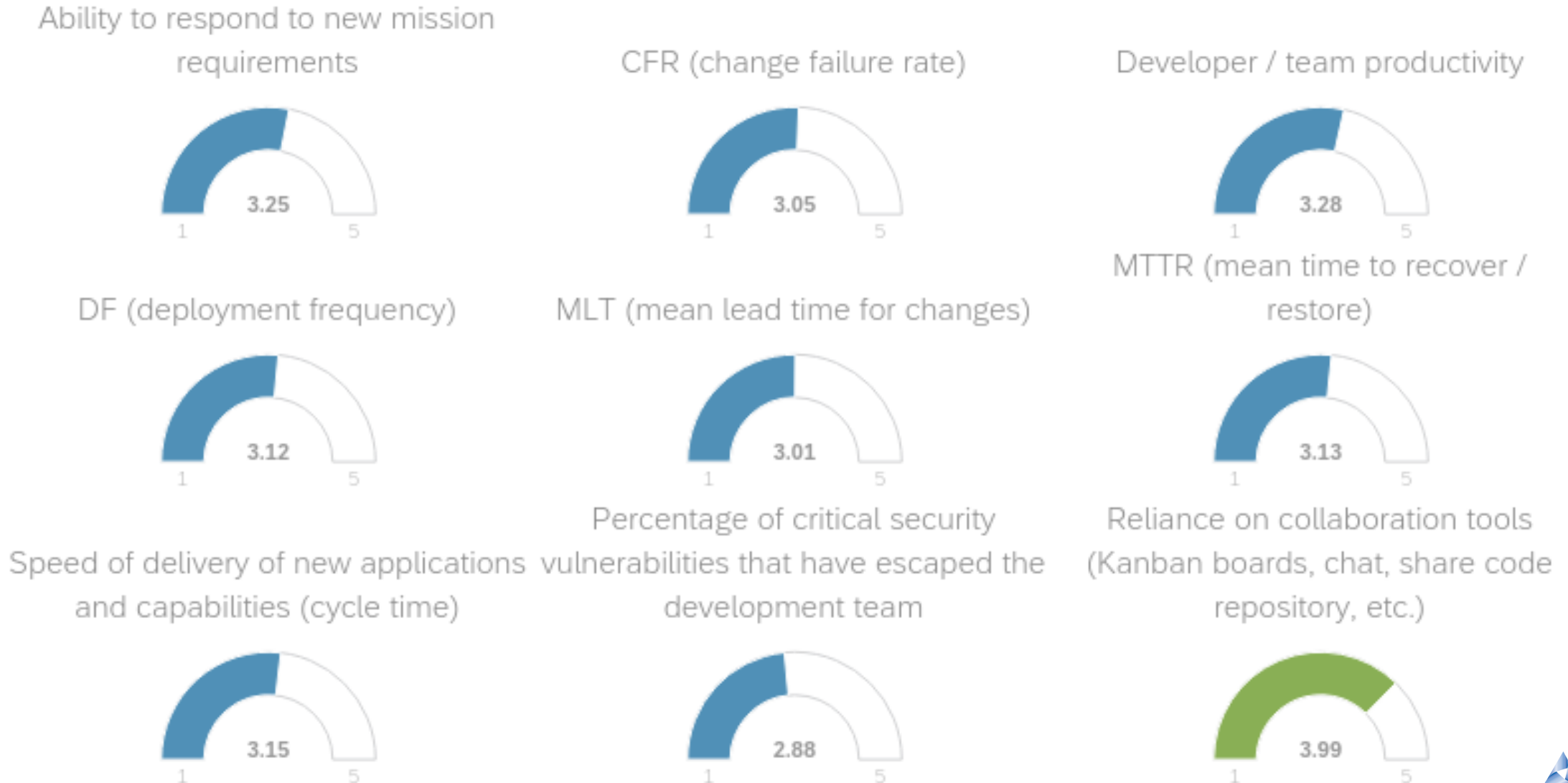


Ability to use collaboration tools



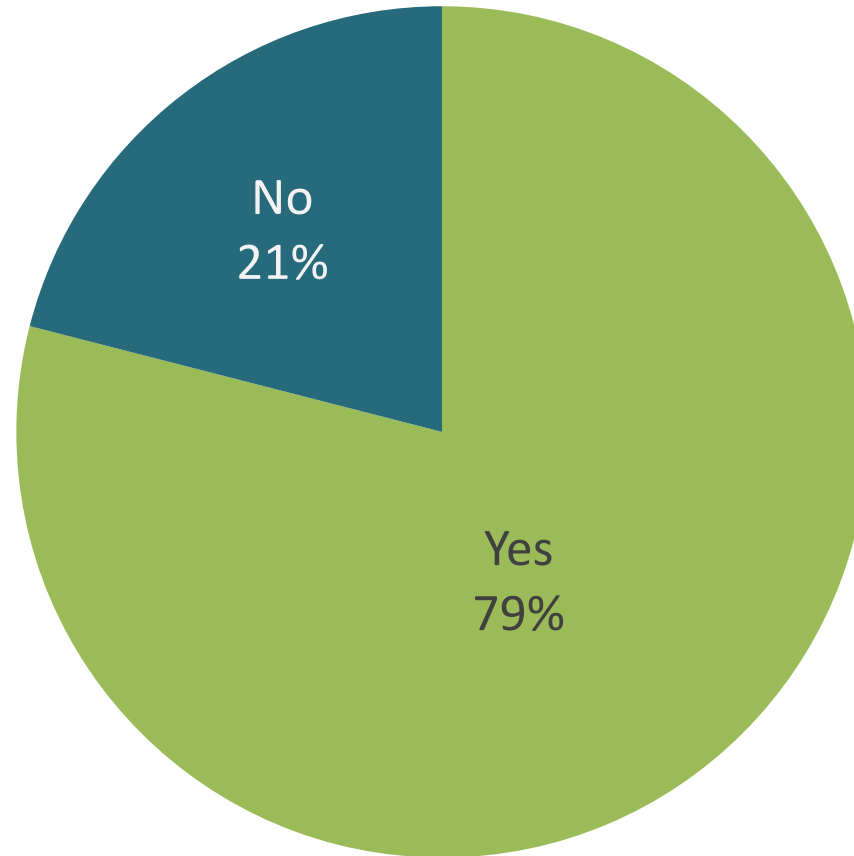
# Impact of Recent Remote Work on ...

collaboration between teams (1- significantly reduced, 5 - significantly increased):



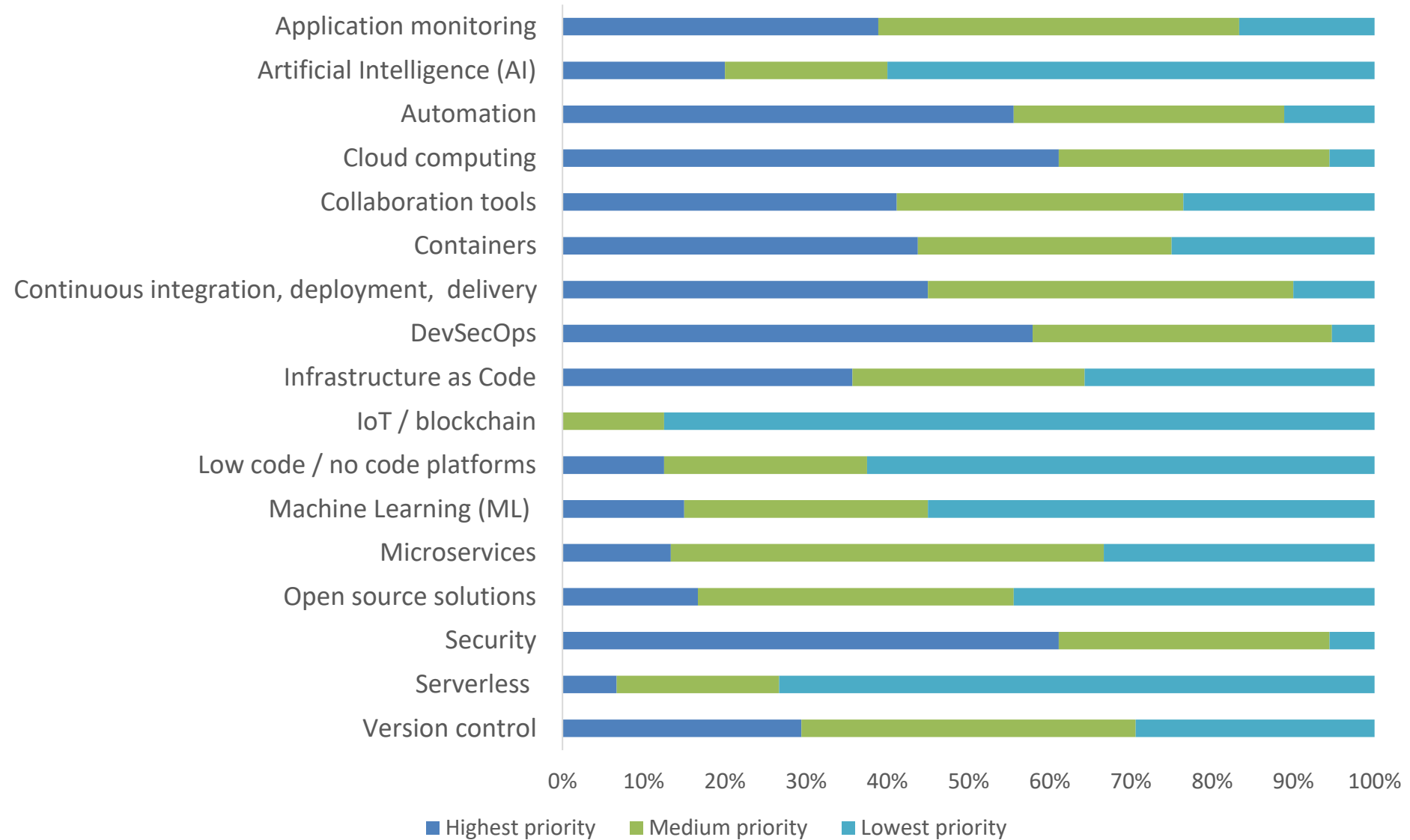
# Application of Lessons Learned

Are you able to apply what your organization has learned about remote work thus far to new policies, practices, and procedures?





# Investment Priorities in Fiscal Year 2021



# Final Considerations

Enterprising development teams in the public sector have found ways to securely build and deliver applications despite the challenges inherent in their work.

These innovative teams have displayed a remarkable degree of homogeneity in highlighting the technologies and processes that have helped them succeed.

ATARC will continue in its mission to drive collaboration between government, academia and private industry in order to accelerate emerging technology adoption in the Federal Government. ATARC's platform drives thought leadership exchange via meaningful interactions and ongoing, year-round conversation between the public and private technology modernization communities.



[info@atarc.org](mailto:info@atarc.org)

Thank You

*Underwritten by:*

