



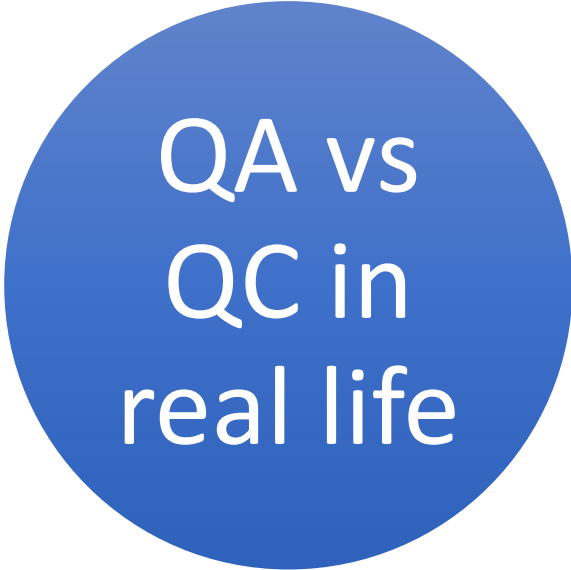
# QA vs QC

Understanding the Difference



# Outline

- The QA/QC Story
- Intro
- History/Background
- What is QA?
- What is QC?
- The Relationship



QA vs  
QC in  
real life



Intro



# QC, QA & QMS



# History of QA & QC



MEDIEVAL TIMES



INDUSTRIAL  
REVOLUTION



ROARING 20'S  
AND WW2



THE 70'S, 80'S,  
90'S & TODAY

# Quality Timeline





## What is QA?

- Quality requirements will be met
- Established standards, policies, methods, etc.
- Consistent high quality
- Compliant to standards
- Proactive approach and defect prevention
- QA provides the framework for QC
- QA prevent deficiencies from occurring
- Focused on product lifecycle

# What is QC?

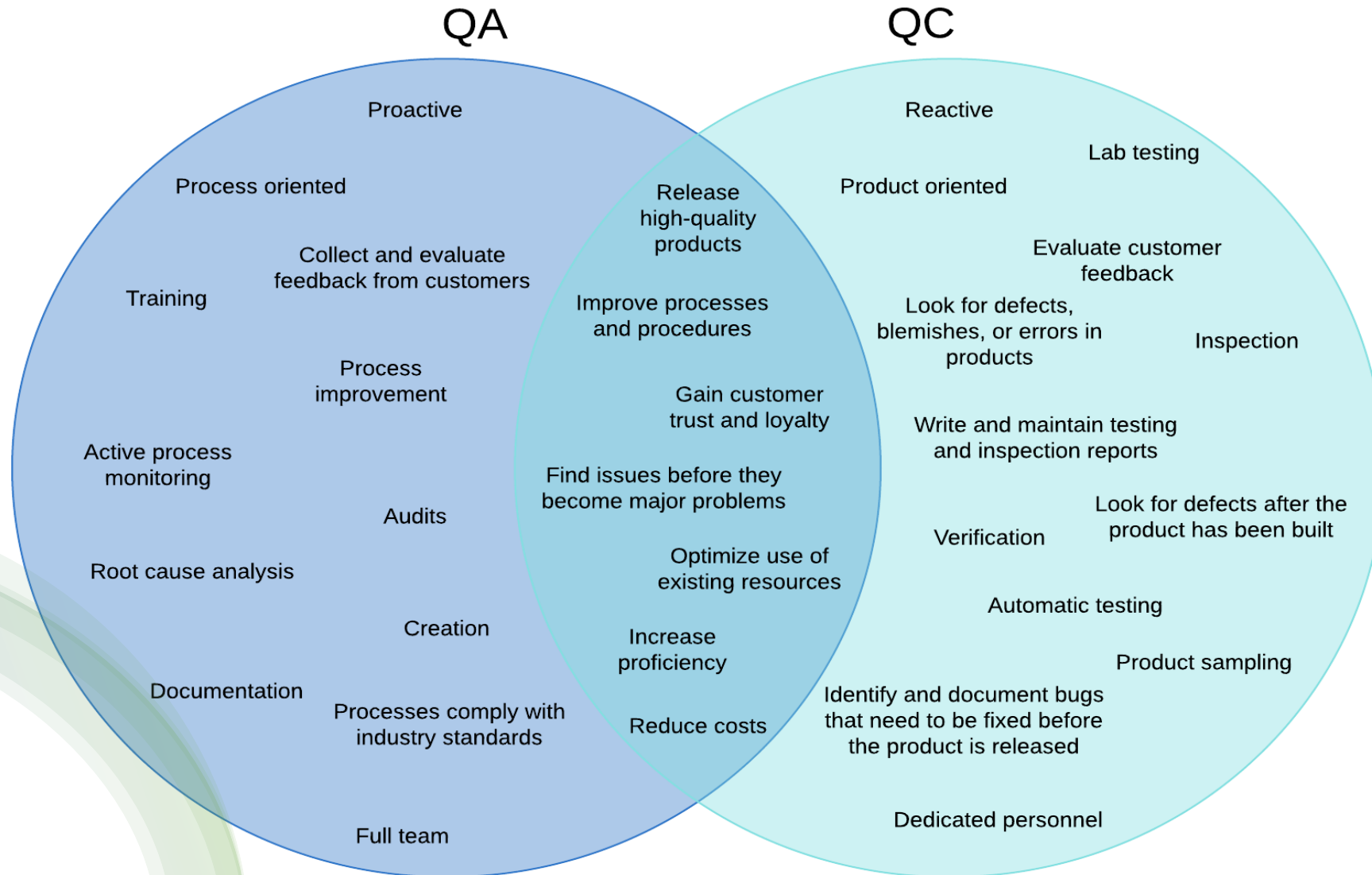
- Verify standards are met
- Fulfilling the quality requirements
- Uses methodical procedures and systemic actions
- Process of testing and inspecting
- Reactive approach and correcting defects
- Catch deficiencies
- Focused on end product



## Quality Control and Quality Assurance Comparison Chart

QA	QC
A managing tool	A corrective tool
Process-oriented	Product-oriented
Proactive strategy	Reactive strategy
Prevention of defects	Detection of defects
Everyone's responsibility	Testing team's responsibility
Performed in parallel with a project	Performed after the final product is ready

# The Relationship



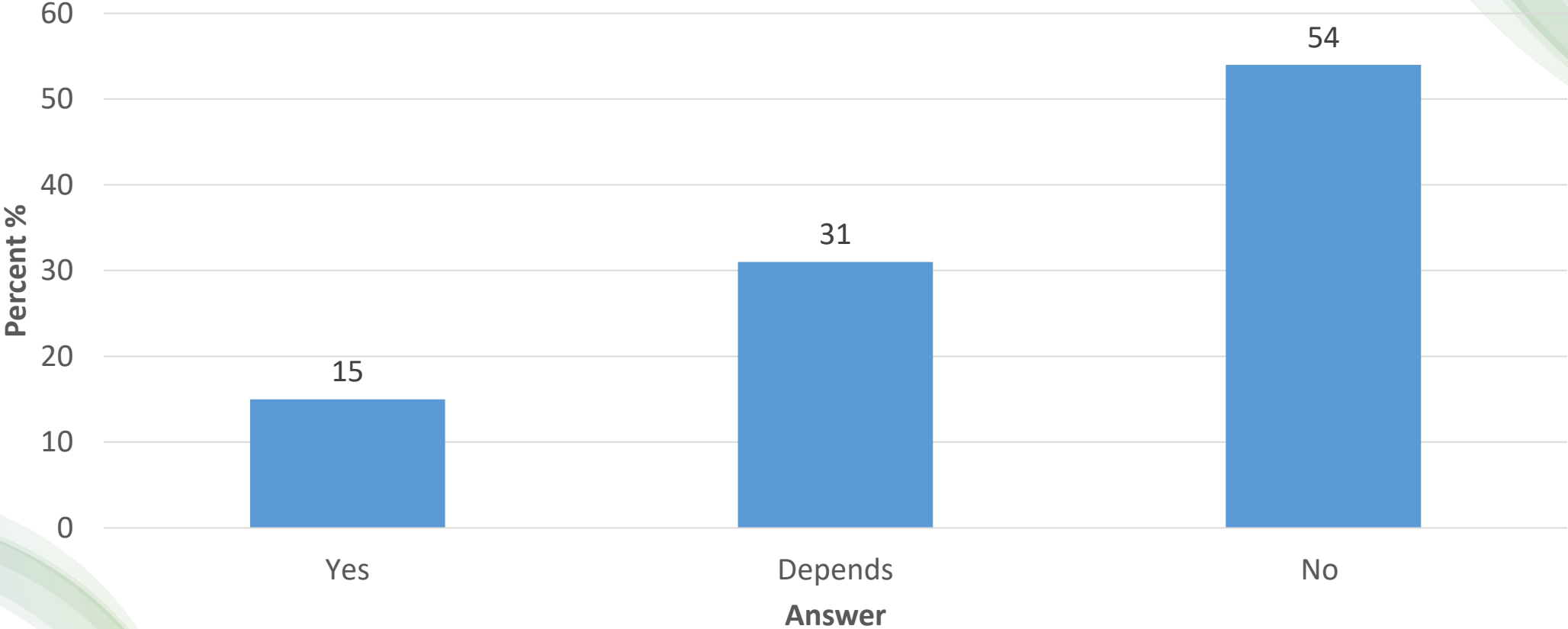
# The Relationship

- What QA Professionals say?



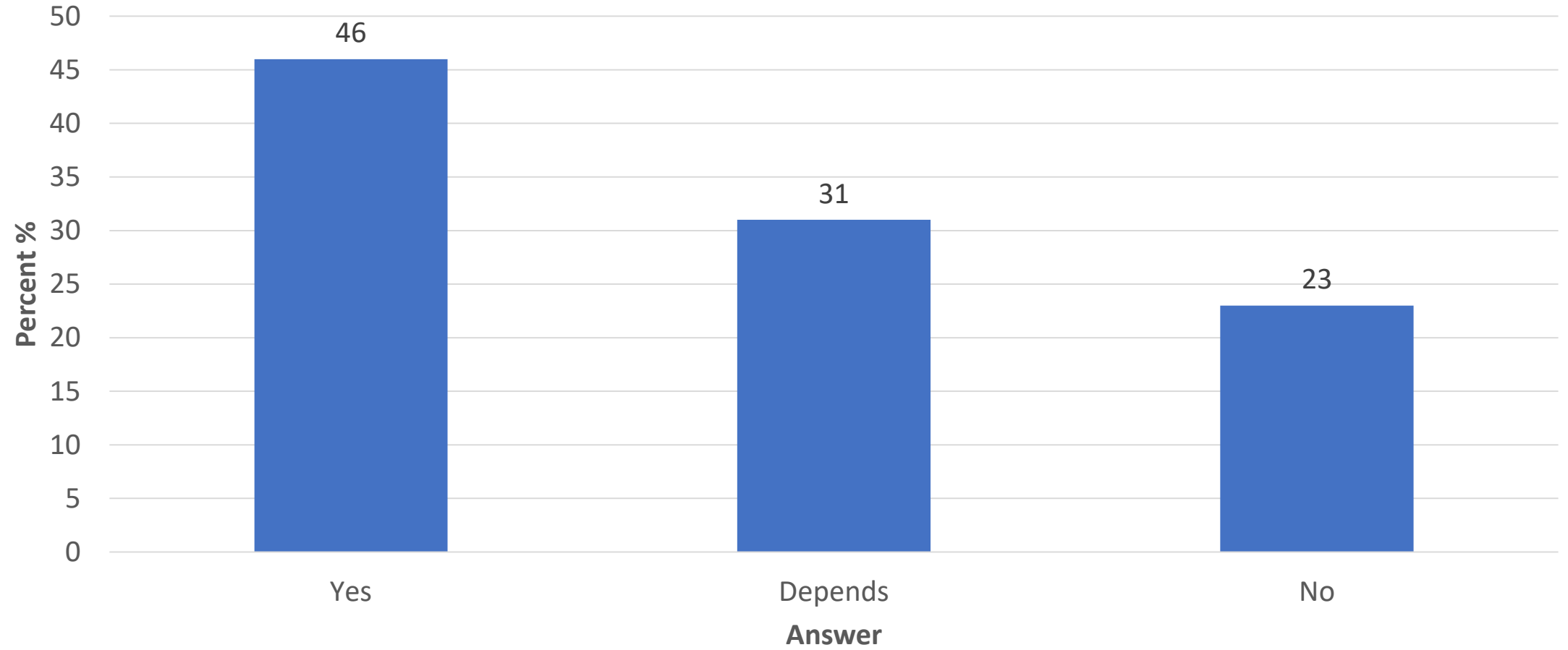
# Do you feel QA (staffed or contract) can perform both QA and QC?

Question 1



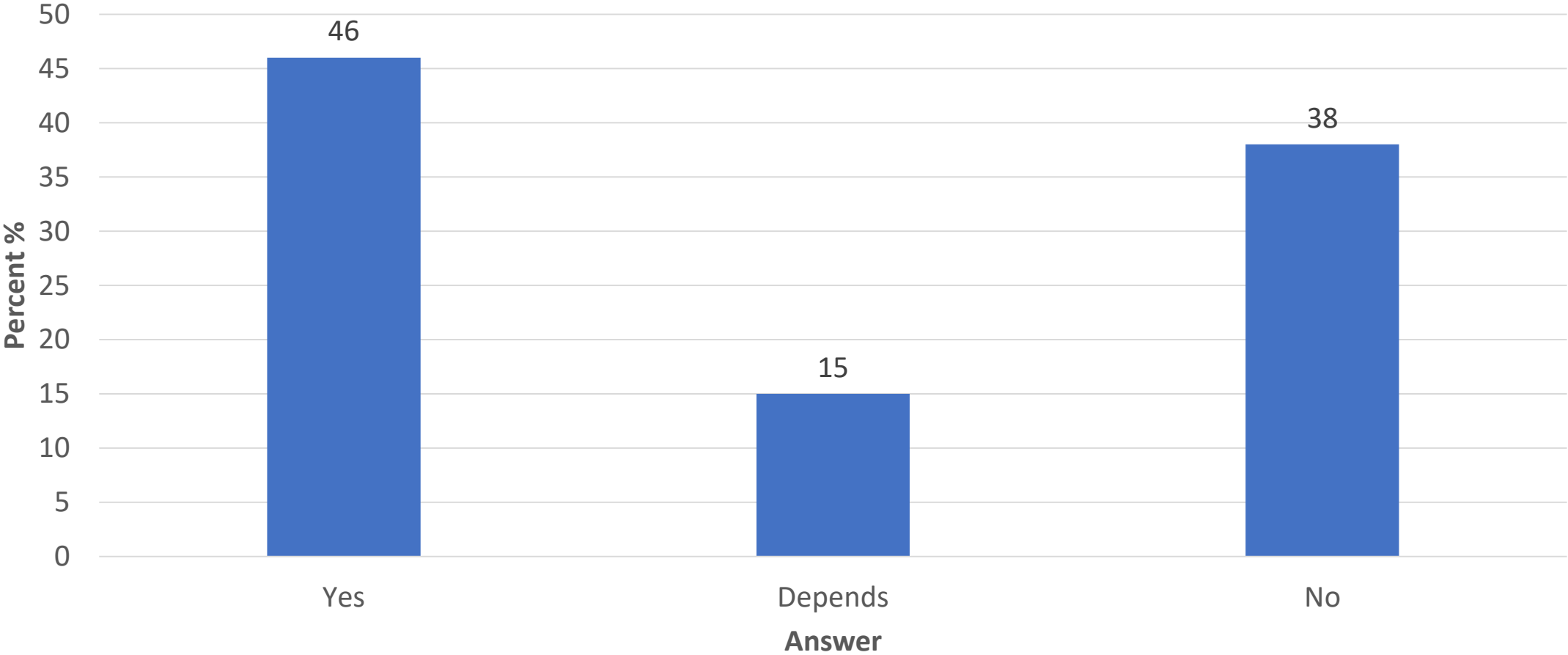
# Do you think QA performing QC crosses any lines?

Question 2



# Do you think QA performing QC is situational based upon the size of the QAU or company (corporate, contract, CRO)?

Question 3



# The Relationship

- What do Regulators say?
- In closing...





# QUALITY

THE RACE FOR QUALITY HAS NO FINISH LINE,  
SO TECHNICALLY, IT'S MORE LIKE A DEATH MARCH.





# References

- 1) <https://images.app.goo.gl/4R71jLW8dHcHF7Fc9>
- 2) [What is a Quality Management System \(QMS\)? - SimplerQMS](#)
- 3) [History of Quality - Quality Management History | ASQ](#)
- 4) [The History of Quality | Dr Juran and Quality Improvement | Juran](#)
- 5) [Quality Assurance vs Quality Control: Definitions & Differences | ASQ](#)
- 6) [The History of Quality Assurance \(smartbear.com\)](#)
- 7) [History of the Quality Management System | Arena \(arenasolutions.com\)](#)
- 8) [The History of Quality Management, and Its Future, in the United States - Smithers](#)
- 9) [Quality Assurance \(QA\) vs Quality Control \(QC\) | SafetyCulture](#)
- 10) [What is Quality Control: Definition, Benefits and Careers \(intellipaat.com\)](#)
- 11) [QA-vs-QC-comparison-chart-1024x870.png \(1024x870\) \(sam-solutions.com\)](#)
- 12) [qa-vs-qc-venn-diagram.png \(1703x1155\) \(lucidchart.com\)](#)
- 13) [Quality - Despair, Inc.](#)