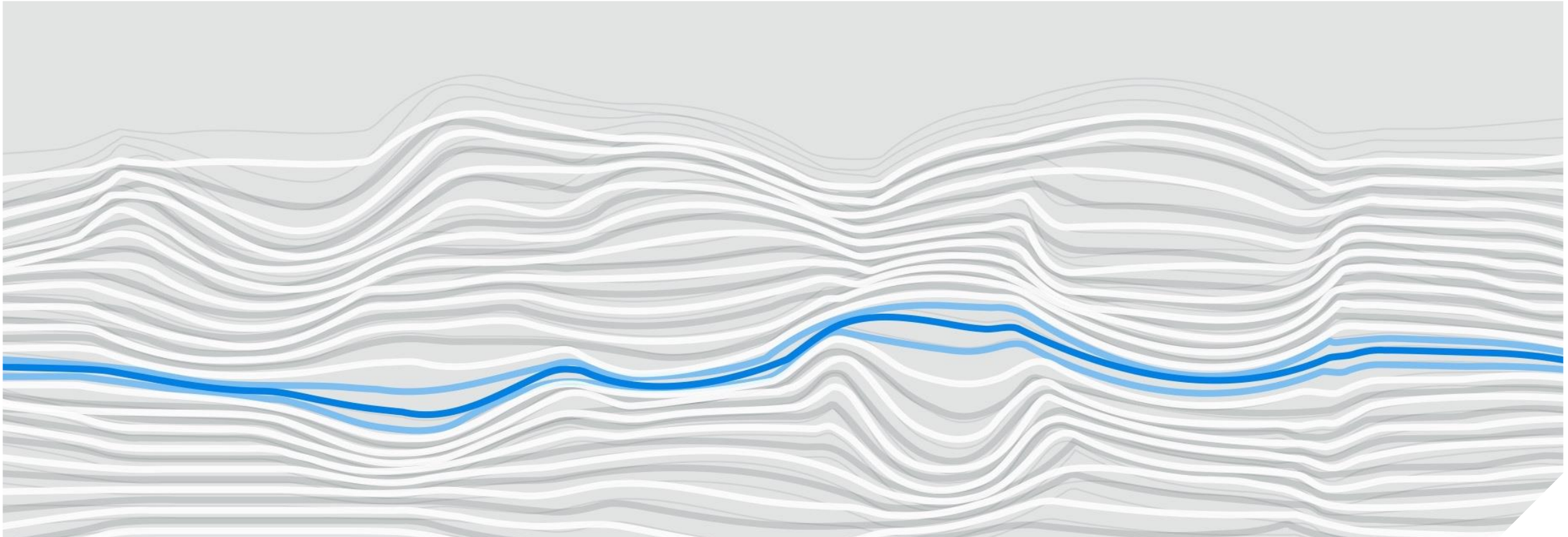


# The dynamics of actuarial reserving departments

Past, present, and future

SEPTEMBER 14, 2021



# Presenters



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# Limitations and Considerations

## Casualty Actuarial Society -- Antitrust Notice

- The Casualty Actuarial Society is committed to adhering strictly to the letter and spirit of the antitrust laws. Seminars conducted under the auspices of the CAS are designed solely to provide a forum for the expression of various points of view on topics described in the programs or agendas for such meetings.
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## Speakers Notice

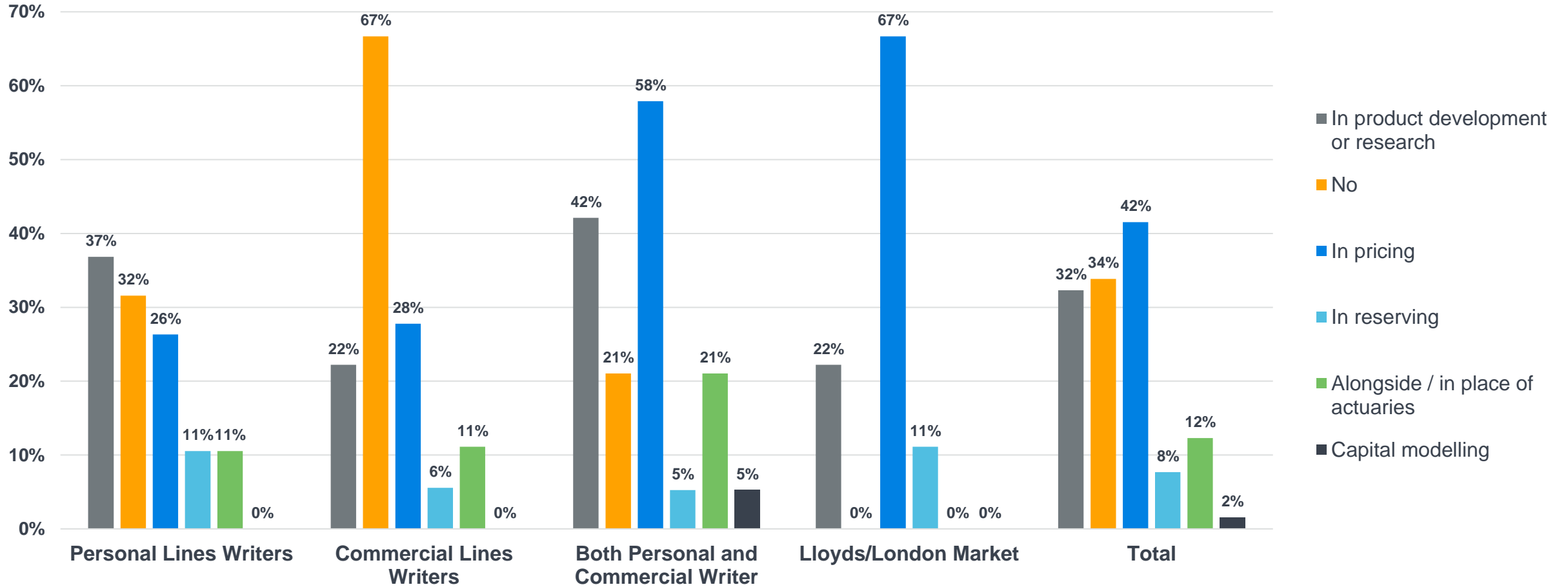
- The views expressed in this presentation are the views of the individual speakers and not necessarily the views of their Employers or the CAS.

**What are key categories  
in evaluating actuarial  
reserving departments?**

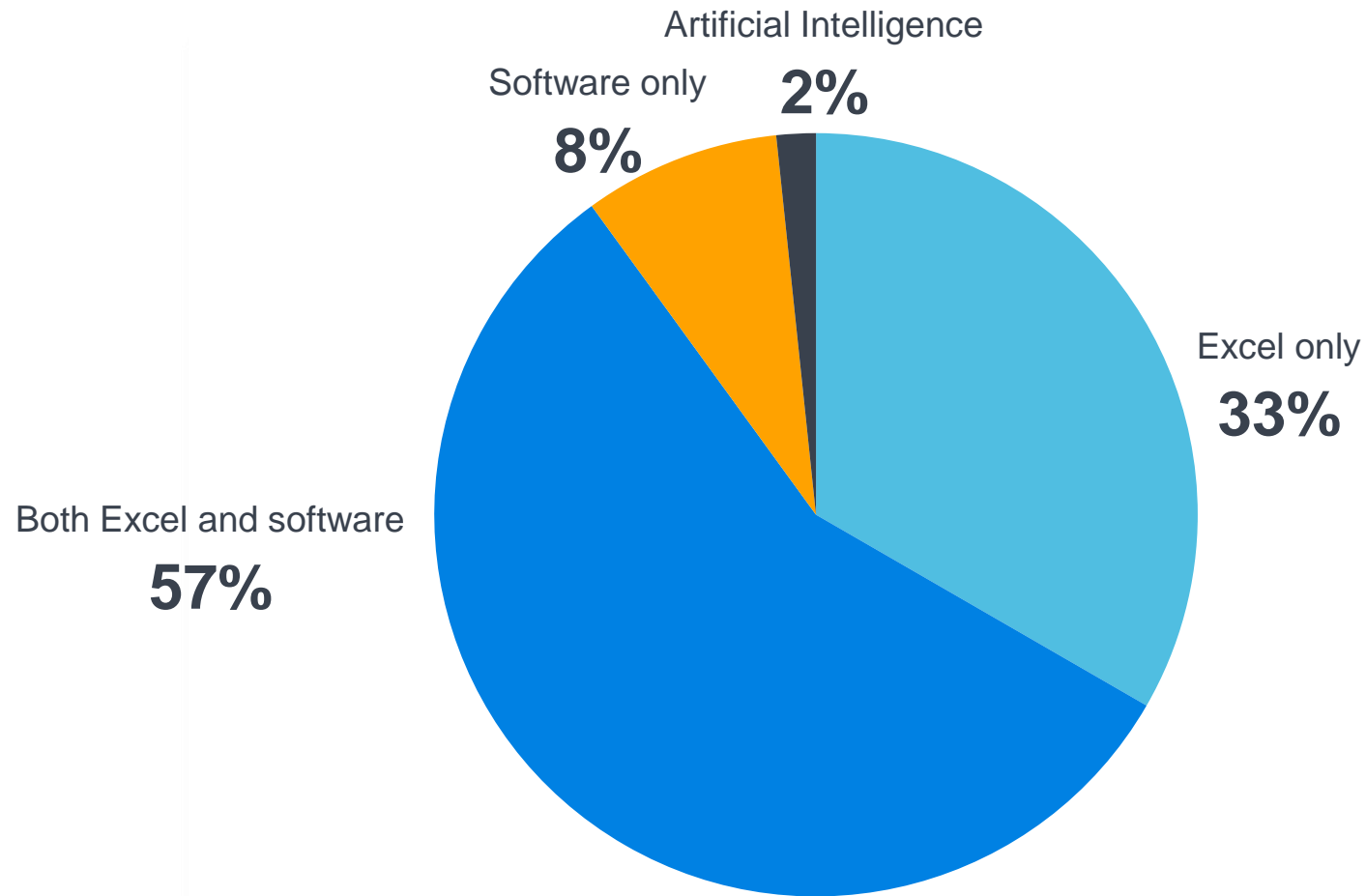
# Number of actuaries in reserving unit



# Use of data scientists



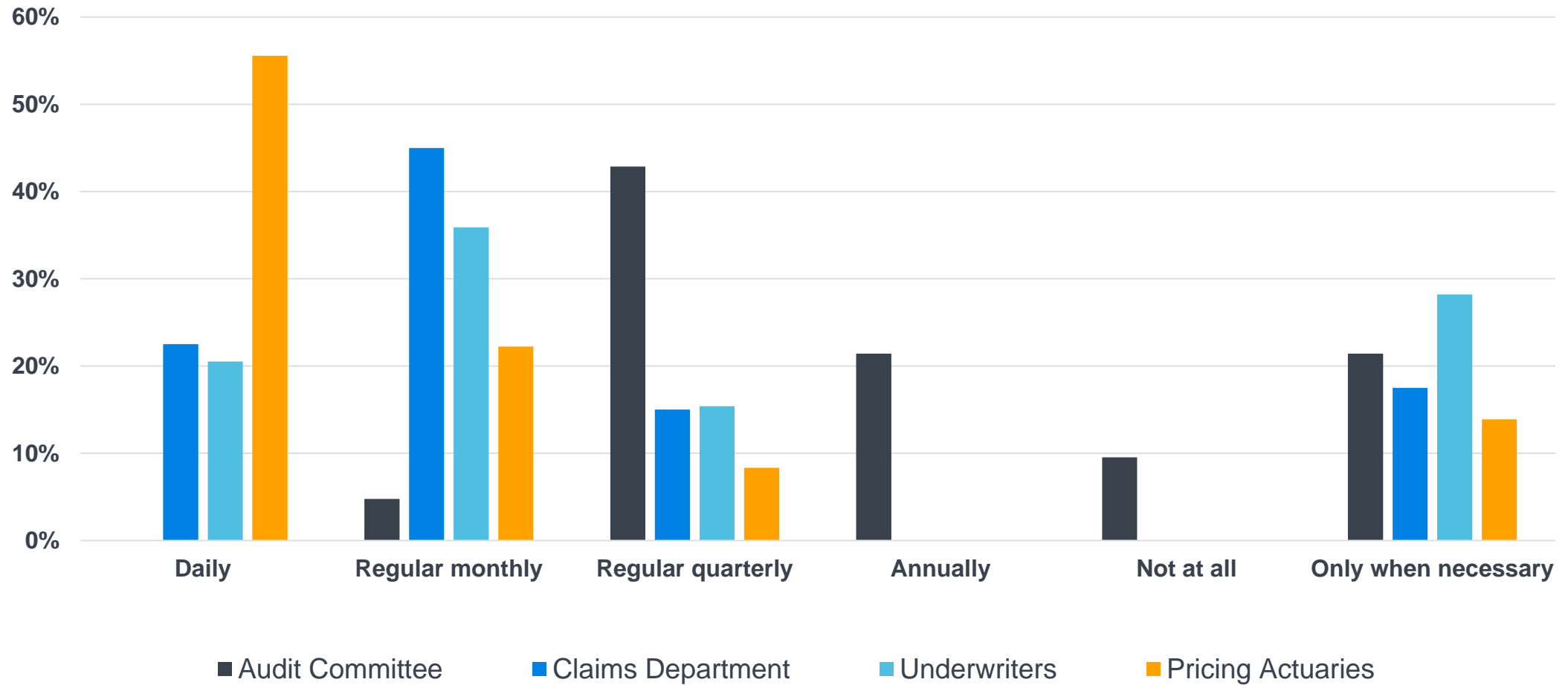
# Use of reserving software



**How do actuaries interact  
with other functions?**



# Frequency of reserving actuary's interactions with...



**How is the reserving  
function viewed?**

# How reserving function is viewed

17%

Provides Business Information only

12%

Provides Balance Sheet Items only

17%

Provides both Business Information and Balance Sheet Items

21%

Integral Part of Management Team

9%

Integral Part of Management Team and Provides Business Information

7%

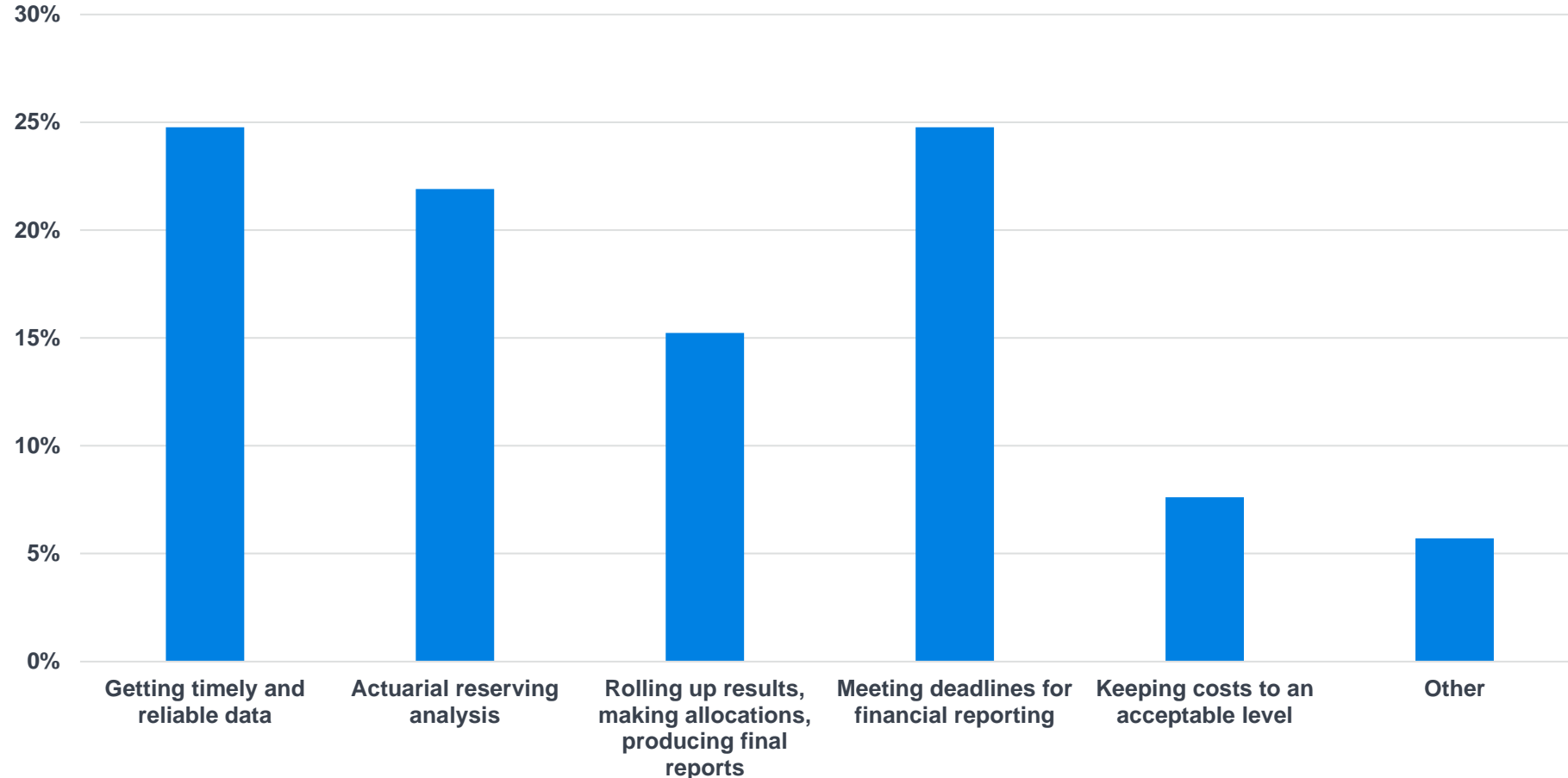
Integral Part of Management Team and Provides Balance Sheet Items

17%

Integral Part of Management Team and Provides both Business Information and Balance Sheet Items

**What are some common  
reserving challenges?**

# Major challenges for reserving team



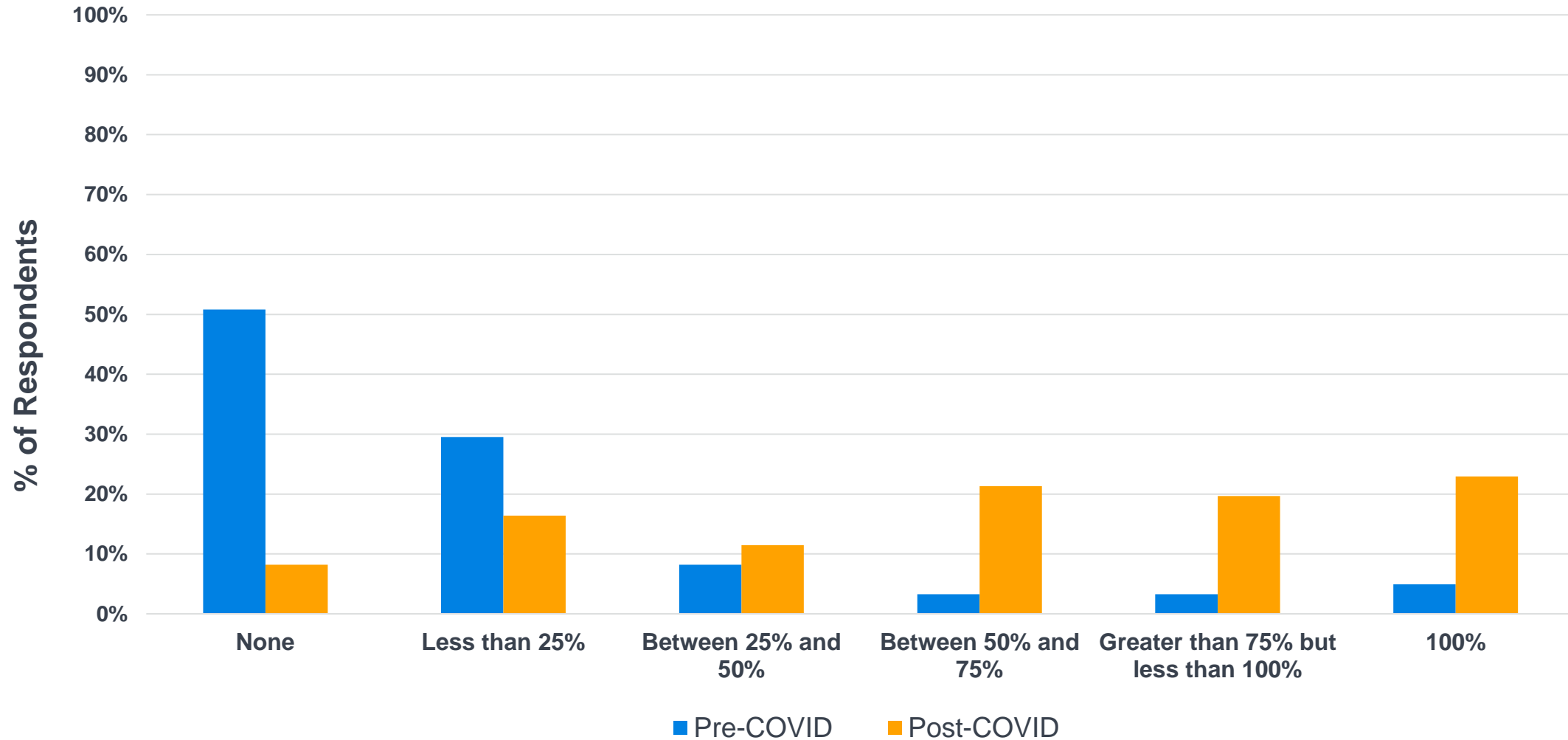
Other answers include:

- Ensuring sufficient manual oversight
- Reserving is an art, not an automation science
- Data not yet credible enough to automate
- Complexity of book makes automation difficult

**How has—or will—COVID-19  
impact the reserving department?**

# Working remotely pre- and post-COVID

## Actuaries working remotely at least once per week



**What additional skills are needed  
for managing remote workers?**

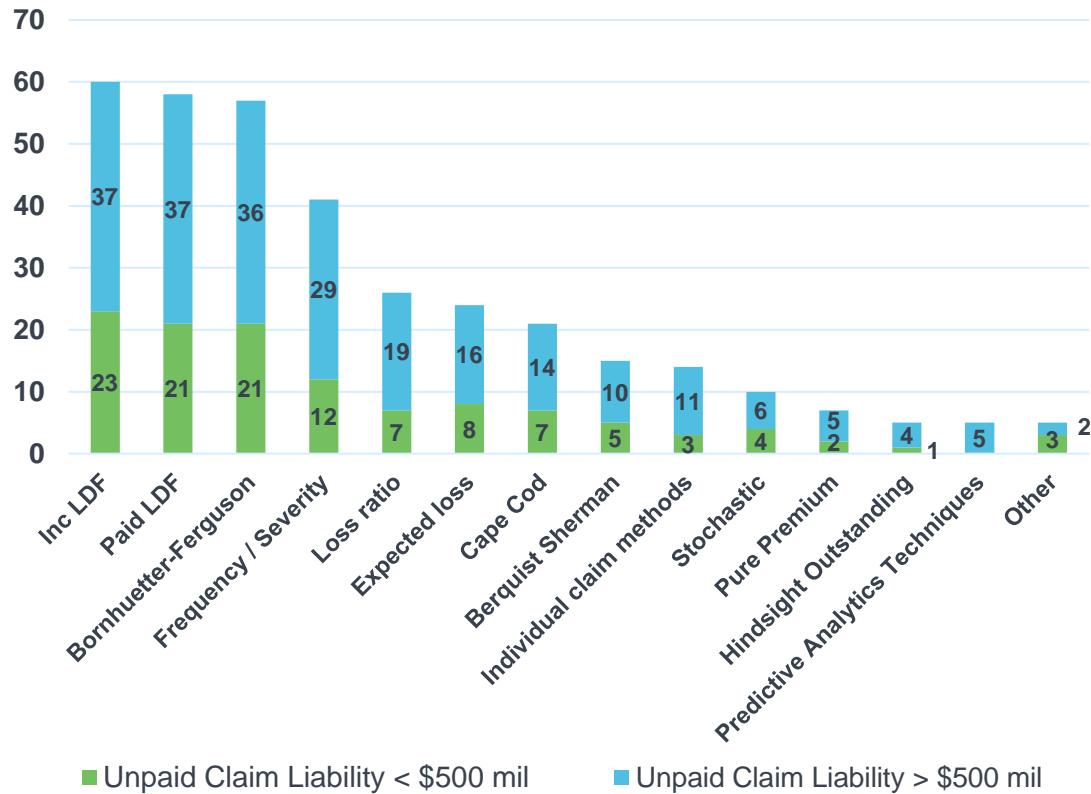


**How has—or will—COVID-19  
impact reserves?**

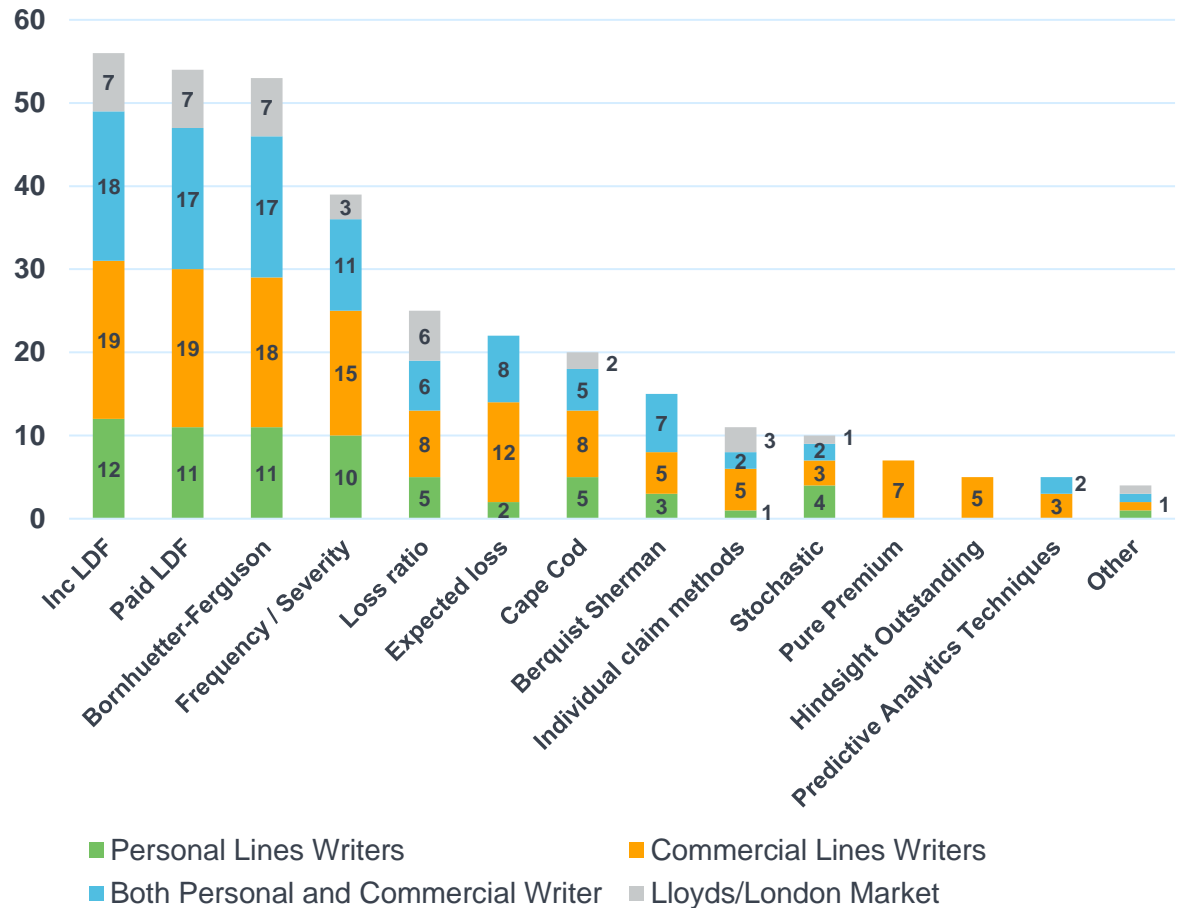
**What methods are used in reserving?**

# Projection methods used in reserving analyses

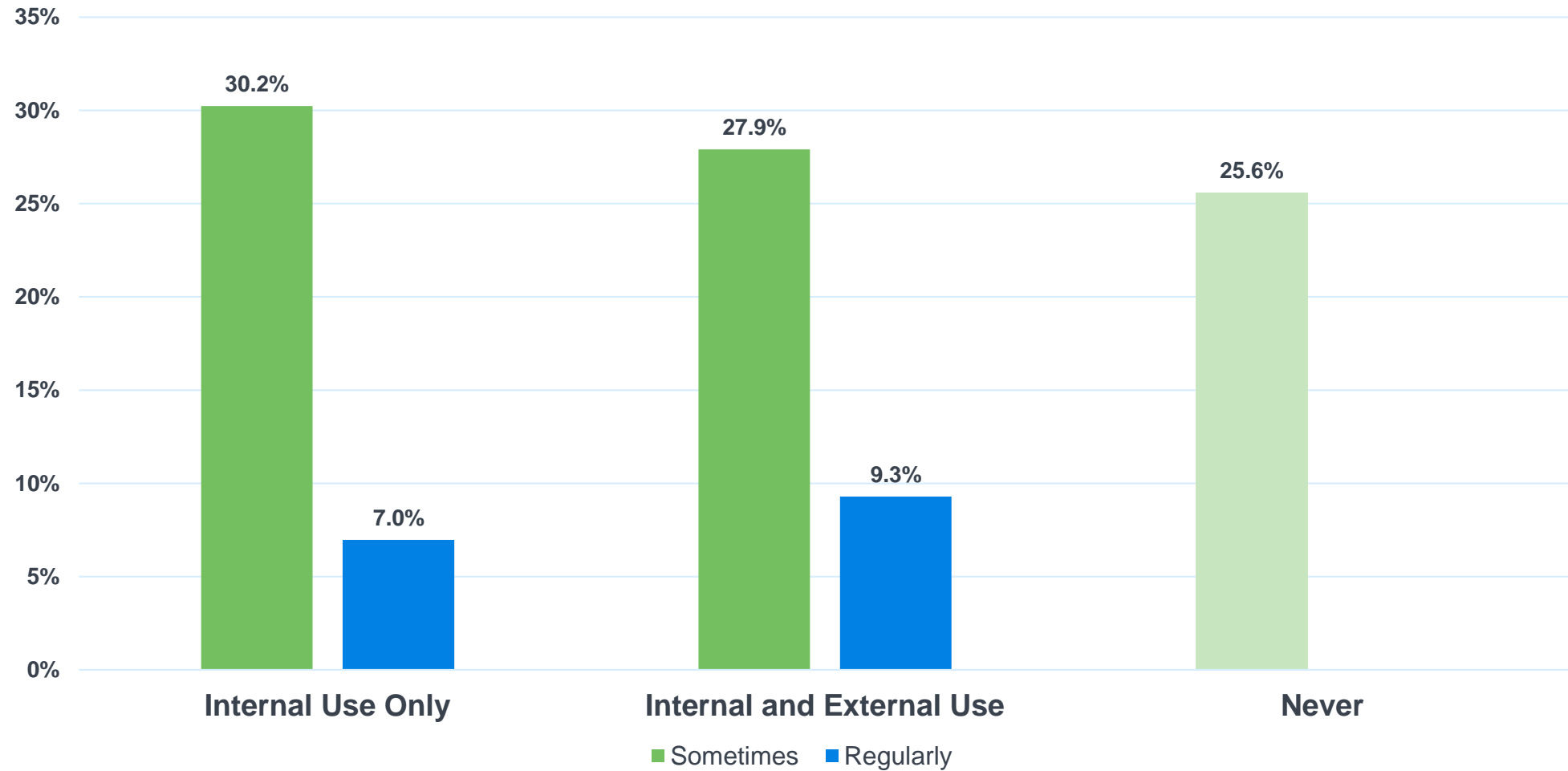
## By Size of Company



## By Type of Company



# Use of data visualization software



**Thank you**