

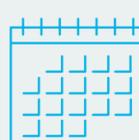
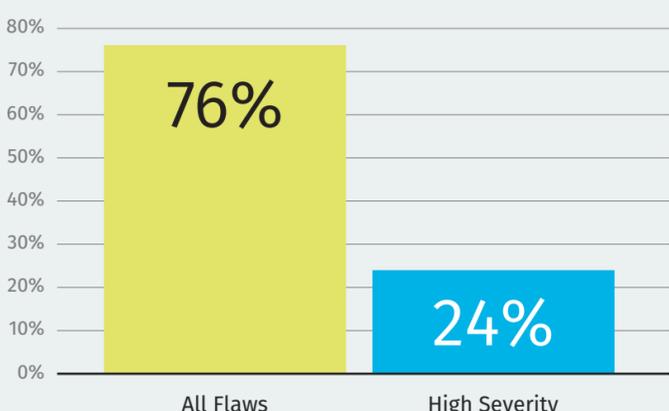
VOLUME 11

# State of Software Security By the Numbers

For the 11th version of the *State of Software Security* report, Veracode analyzed the security scan results from 130,000 applications. Here's a snapshot of what the data shows about the state of software security today.

## The Software Security Landscape Today

The vast majority of applications (76 percent) have some sort of security flaw, but only a minority (24 percent) have high-severity flaws.



Half of security findings are still open 6 months after discovery.

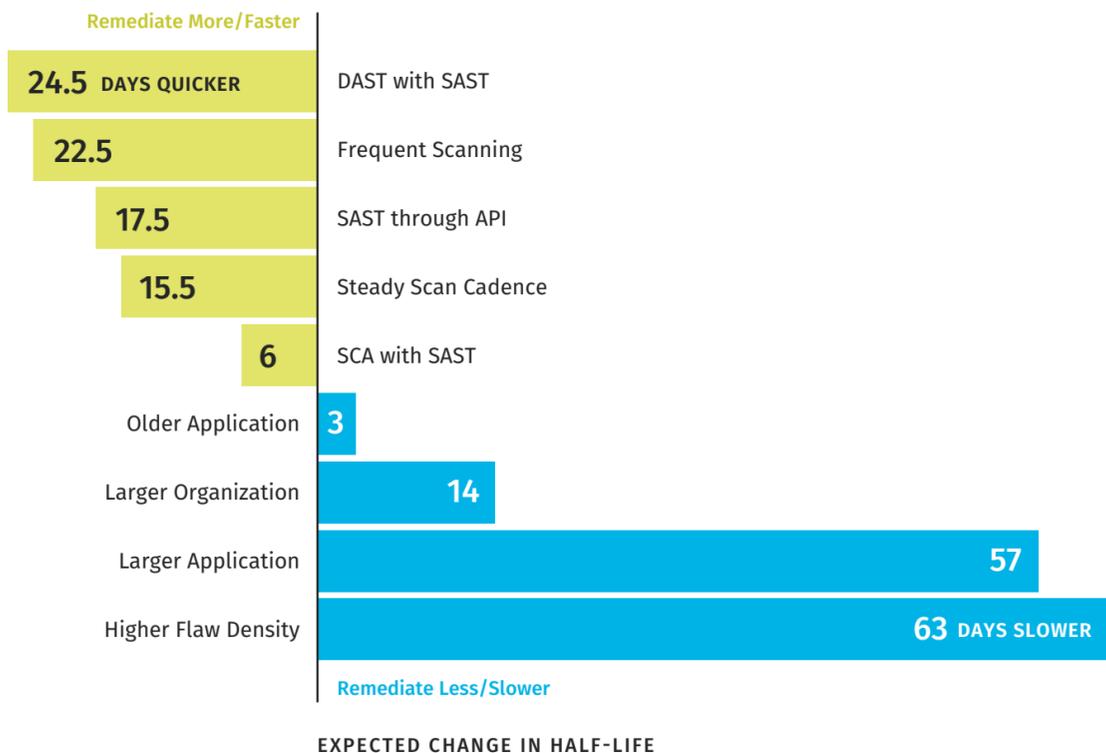


Almost one-third of applications have more security findings in third-party libraries than in the native codebase.

## Improving Software Security: Nature vs. Nurture

This year's research unearthed some surprising—and promising—data surrounding ways to “nurture” the security of your applications, even if the “nature” is less than ideal.

WE PRESENT HOW EACH OF THESE FACTORS AFFECT THE HALF-LIFE (TIME TO CLOSE HALF THE OBSERVED FINDINGS).



Does that mean the “nature” of your app is a surefire path to vulnerable software? **Not necessarily.**



### BAD PRACTICES

A team with “bad” practices (only static scanning, infrequently and at irregular intervals) working on a less-than-ideal application (large, old, with security debt) may take nearly a year to close 50% of flaws.



### GOOD PRACTICES

A team with good practices (frequent, regular scanning, using a variety of scanning types, including software composition analysis) on that same unideal application would cut that time to about 6 months.



## The Bottom Line

Even when faced with the most challenging environments, developers can take specific actions to improve the overall security of the application.

Gain valuable perspective on the state of software security today and find more strategies for improving your software security.

READ THE FULL REPORT AT [VERACODE.COM/SOSS](https://veracode.com/soSS)