



# SAUCE LABS TEST COVERAGE REPORT AUGUST 2016

Customers often ask us what browser and OS combinations they should test against. There really is no single right answer as it depends on your app and your users. However, with over 640 million tests completed to date, we have a lot of data that can help you in forming a test coverage strategy.

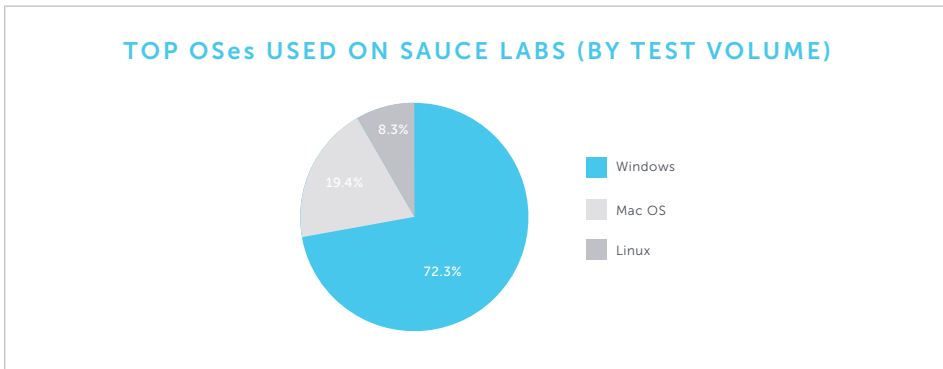
This coverage report summarizes anonymous data from tests run on Sauce Labs in the last 90 days. It is useful for identifying testing trends and understanding what browsers / OS combinations might best apply to your organization.

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## TOP OSes

This is the percentage of tests performed by OS. Windows continues to be the top platform tested, followed by Mac OS.

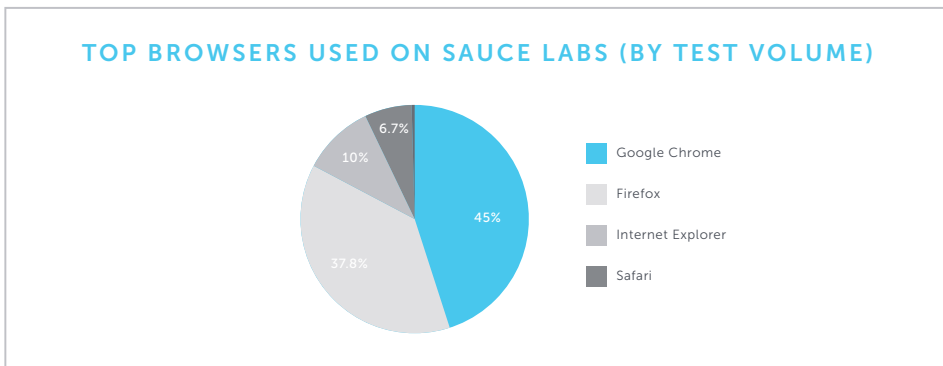


## TOP BROWSER

This is the percentage of testing performed on browsers (regardless of platform). Chrome has recently topped Internet Explorer as the most used browser world wide, so it's no surprise that this is the most tested browser on Sauce. Firefox is #2 followed by Internet Explorer. The Edge browser is very small now, but expected to grow as Windows 10 becomes more mainstream. According to Mozilla, 57% of browser use is Chrome. Many companies dictate which browsers employees can use and many consumers use the default browser that comes with their system. The following table shows general browser preferences by region.

Country	Chrome	Firefox	Internet Explorer
USA	46%	12%	19%
Germany	33%	34%	12%
France	47%	21%	11%
Japan	38%	15%	27%
Indonesia	49%	36%	2%

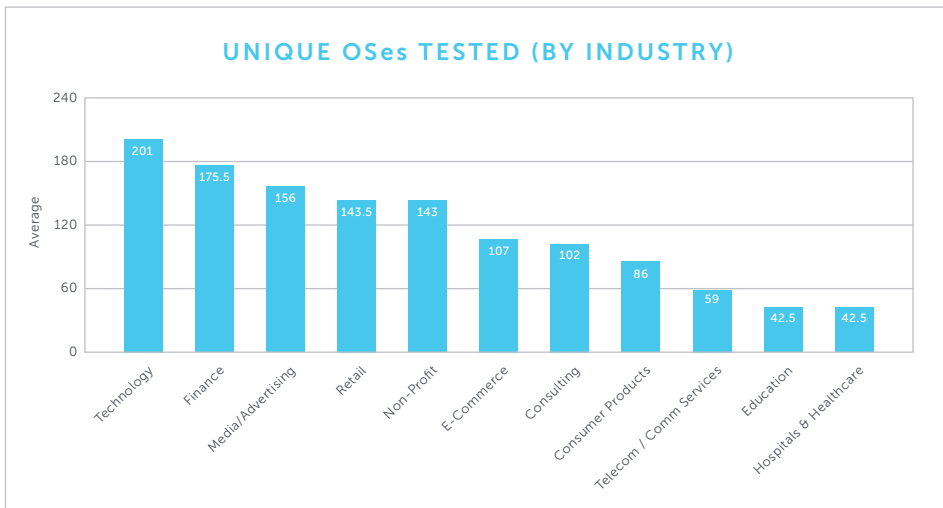
Source: Mozilla - <http://tinyurl.com/h7ywx3n>



## UNIQUE NUMBER OF OSES

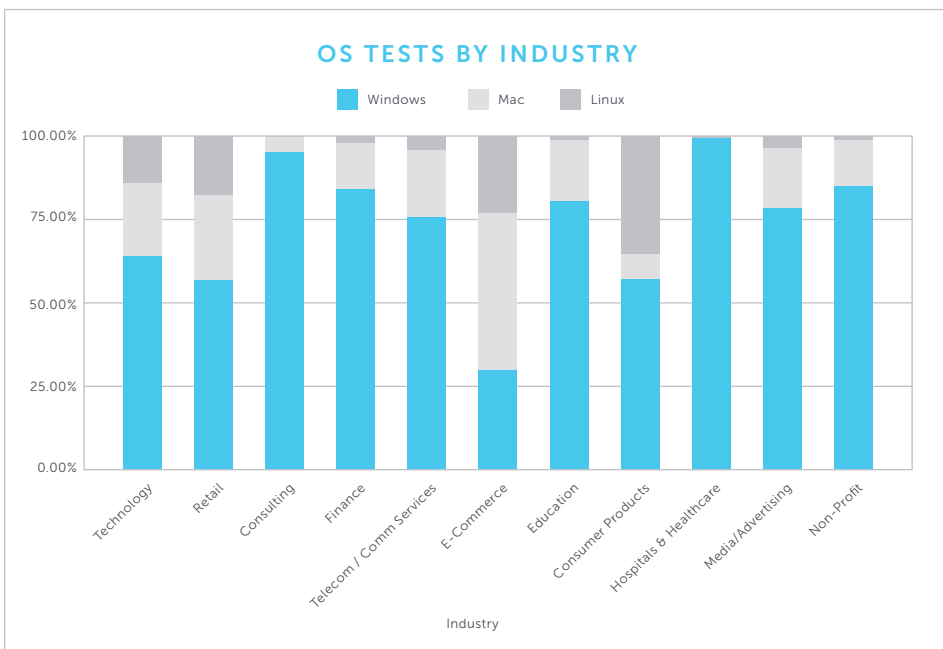
This is a measure of how many different OSes are used by industry.

The more platforms an app is tested against, the smaller the chance your users will experience poor quality. Perhaps it's not a big surprise that the software industry tests across the widest variety of browser / OS combinations. Rounding out the top 3 is Finance and Media where the stakes for quality are high. It might surprise you to learn the average number of browsers that our customers test against is 114.



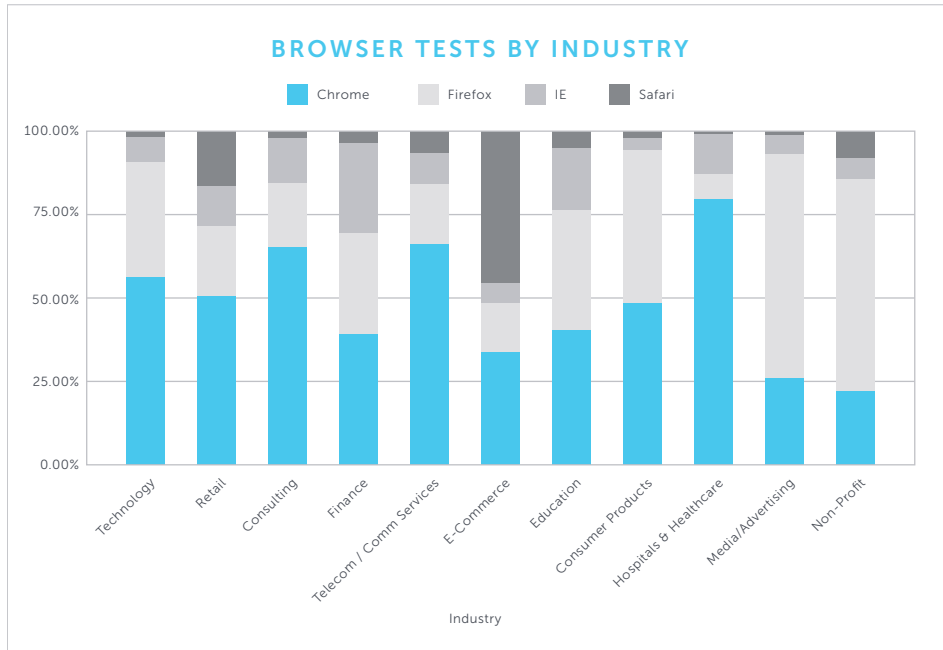
## MAC, WINDOWS AND LINUX BY INDUSTRY

This is a measure of the mix of OSes tested by industry. E-commerce tends to test heavily against Macs, for all other industries, Windows dominates.



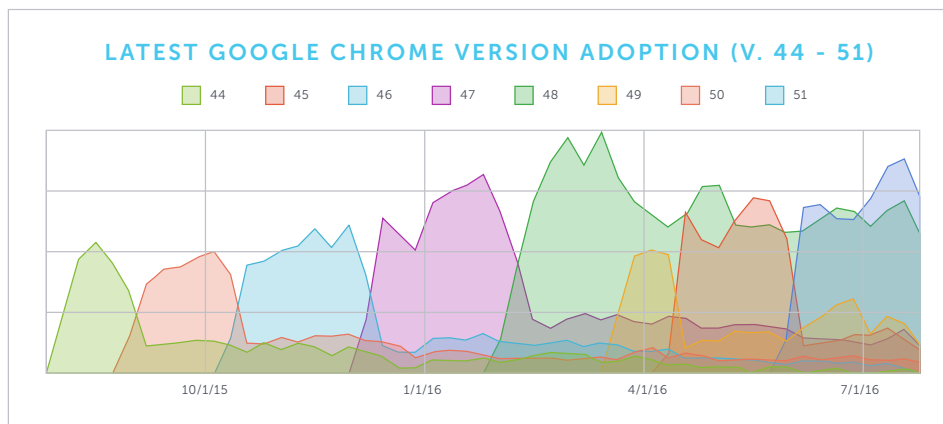
## TOP BROWSERS BY INDUSTRY

This is a measure of total number of browsers tested by industry. Firefox and Chrome dominate across most industries. In media and non-profit Firefox is the leading browser. Again, in ecommerce we see significant use of Safari where it is assumed that Macs are a significant factor.



## CHROME BROWSER VERSIONS

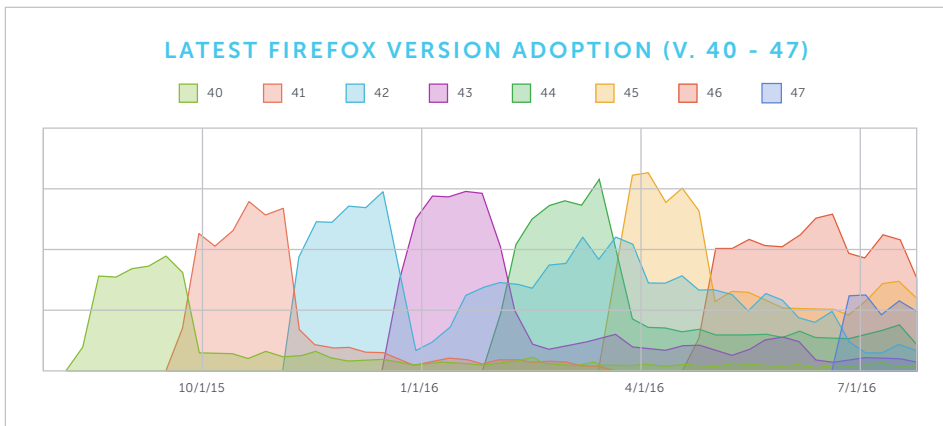
Chrome is an evergreen browser which means it updates automatically. So it is expected that testing follows a regular upgrade cadence and we generally see testers upgrading to the latest versions. This was true in late 2015, however, in early 2016 version 48 dominated for half the year.



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## FIREFOX BROWSER VERSIONS

FireFox finds its heaviest use outside North America. With regular updates, we find that users tend to test on the latest versions to ensure their apps continue to function properly.



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## OTHER BROWSERS

For IE and Safari, people generally upgrade upon new OS versions so organizations generally test on the major versions. As a result, we don't see much variation in testing and have not included them in this report.

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## SUMMARY

As you can see, the browser and OS combinations that matter to your organization will differ based on your industry and the demographics of your users. Regardless, the more test coverage you have, means a higher quality app and fewer bugs that your users will experience. For a complete list of the 700+ browser and OS combinations provided by Sauce Labs, please go to [www.saucelabs.com/platforms](http://www.saucelabs.com/platforms).



## ABOUT SAUCE LABS

Sauce Labs provides the world's largest cloud-based platform for the automated testing of web and mobile applications. Its award-winning service eliminates the time and expense of maintaining an in-house testing infrastructure, freeing development teams of any size to innovate and release better software, faster.

Sauce Labs is a privately held company funded by Toba Capital, Salesforce Ventures, Triage Ventures and the Contrarian Group. For more information, please visit [saucelabs.com](https://saucelabs.com).



SAUCE LABS INC. 539 BRYANT STREET #303 SAN FRANCISCO, CA 94107 USA