

# Is Firefox Quantum faster than Chrome? This is a detailed test result!

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Firefox Quantum is a breakthrough not only for Firefox but also for the world of open source browsers. After so many days of waiting, Quantum finally made its debut, and now it's time to verify whether this Firefox makeover is enough to get it ahead of Chrome in speed.

One of the great things about the browser is that it allows you to browse multiple tabs at once. But for this experience to be smooth, let's see how strong it is.

See also: [Is this the time to give Firefox another chance?](#)

Since its inception in 2008, Chrome has maintained its position as 'browser for every home' and has been chosen as the default browser - the previous location that was originally Firefox. Over time, thanks to speed, Chrome increasingly pushed Firefox away.

Firefox has been abandoned by many people and switched to Chrome because the speed of browsing is so short that with the latest version of Quantum, they hope to regain the user's heart, hitting what Chrome is best at: browsing speed web.

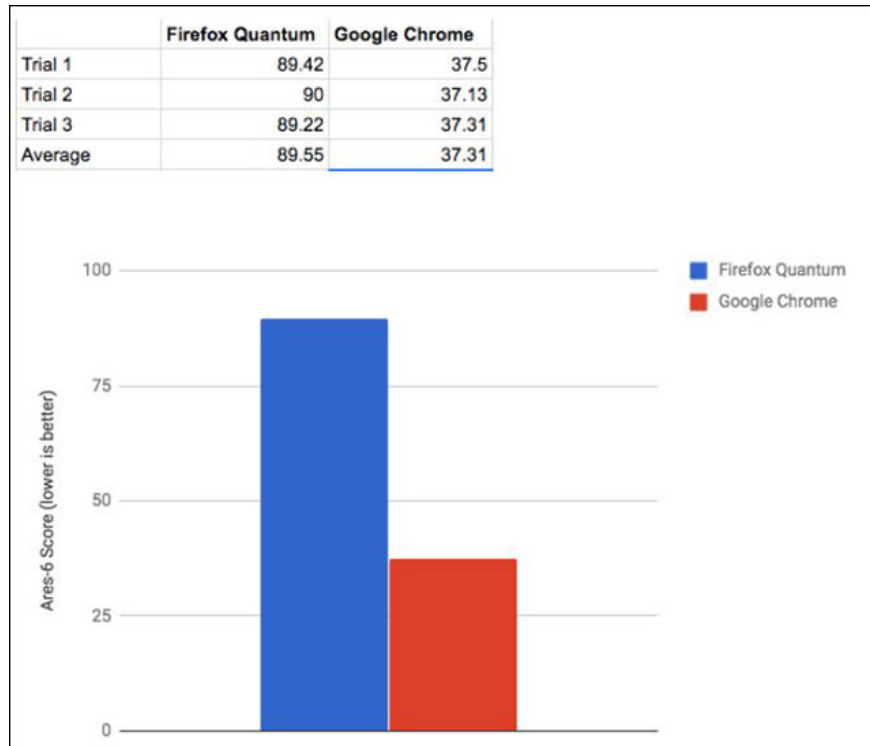
See also: [Firefox 57 Quantum here](#), great Mozilla!

As soon as Firefox Quantum comes out, the first thing that users want to know is whether it's really faster than Chrome. The following test was performed on an Intel Core i5 2500k and 8GB of RAM, video recorded on the MacBook Air.

Each browser is tested with the default settings, there are no extensions or other add-ons. No browser will enable ad blocking tools or any other functionality. Browsing history, cache, cookies are all cleared, Each browser is tested 3 times.

## Testing of Ares-6

Ares-6 measures how fast the browser runs JavaScript functions, including math functions. Details you can read [here](http://browserbench.org/ARES-6/about.html). Here is the result, the lower the score, the faster the browser will be.



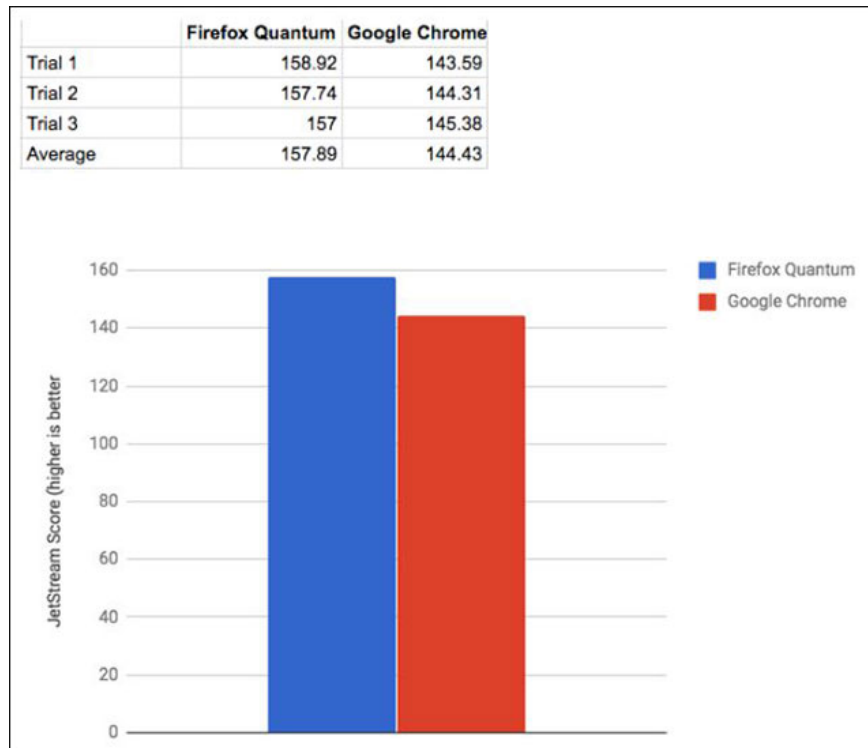
### *Test results of Ares-6*

As you can see, in terms of speed of complex JavaScript functions, Chrome clearly wins Firefox.

### **Round 1: Chrome wins.**

### **Test of JetStream**

JetStream 1.1 tests the ability of the browser to run complex web applications. It measures the number of tasks, including 3D block rotation, operation or library analysis. You can see the full list here. <http://browserbench.org/JetStream/in-depth.html#3d-cube> The higher the score, the better the browser. And this is the result.



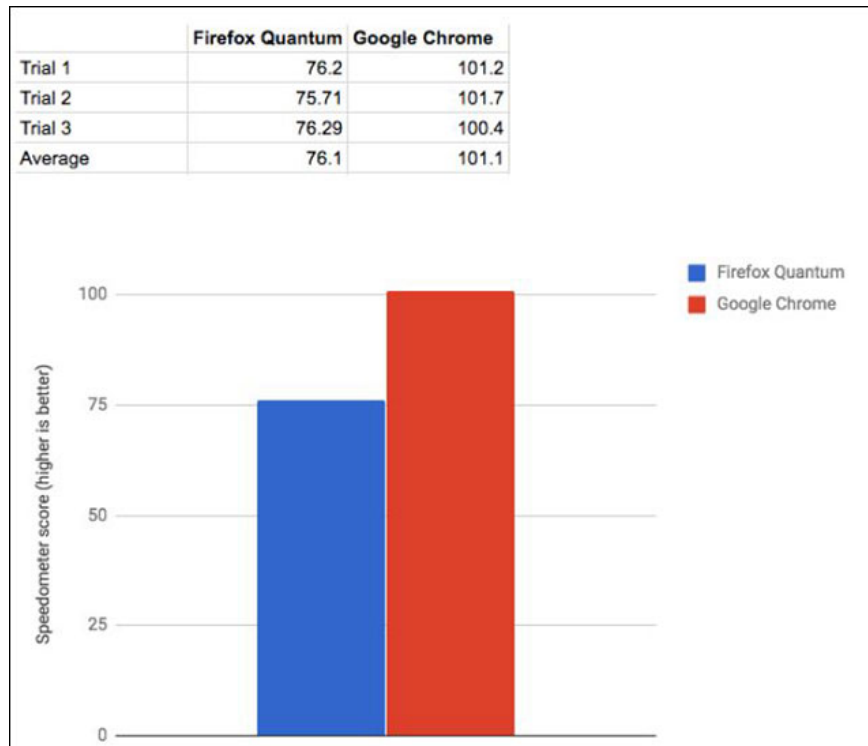
### *Test results of browsing speed of JetStream web application*

This time the winner is Firefox but not too far. This means that with 'heavy workload and high programming techniques' Firefox is a little better.

### **Round 2: Firefox wins.**

### **Test of Speedometer**

Speedometer simulates user behavior on the web application (eg add to-do list) and measures the time it takes to perform. You can see more here.<http://browserbench.org/Speedometer/> Which browser has a higher score is better. This is the result.



*Measurement results on user behavior on Speedometer web*

**Round 3: Chrome wins.**

### **Test real-world browser speed**

Ignoring the above technical problems, what we really care about is how quickly the tab will load. And this is the race between Firefox Quantum and Google Chrome in real life when opening some websites.

This is the speed of downloading **Mashable.com**:

As for **Nytimes.com** , the result is this:

Nationalgeographic.com page on natural science :

The results were overwhelming when opening the news page **cnn.com**:

When opening **Amazon.com** - a large e-commerce site:

To summarize the results, Chrome wins on National Geographic, CNN and Mashable pages, but for Amazon, The New York Times, the winner is Firefox.

# Final conclusion: Google Chrome is still BOSS

Unfortunately, Mozilla's efforts seem to be inadequate when Chrome still holds the No. 1 position in speed, at least at this point. Moreover, during the test, RAM still consumes a relatively large amount of RAM, sometimes doubling Chrome. Anyway, Quantum is not bad, it runs fast with a nice new interface and lots of add-ons. If you have a bit of modification, it might catch up and surpass Chrome.

Hopefully in the future, Mozilla will continue to make improvements to Firefox better but spend less resources!

See also: [Why is Firefox faster, uses less memory and still can't win Chrome?](#)

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