

Test on the right mobile devices

The mobile and tablet landscape today is highly fragmented, spanning many devices across manufacturers and models. Comprehensive testing is crucial to any website, but it can be a huge investment of vital resources: time, manpower, physical, and financial. Therefore, it is critical to choose the ideal test device matrix for your audience.

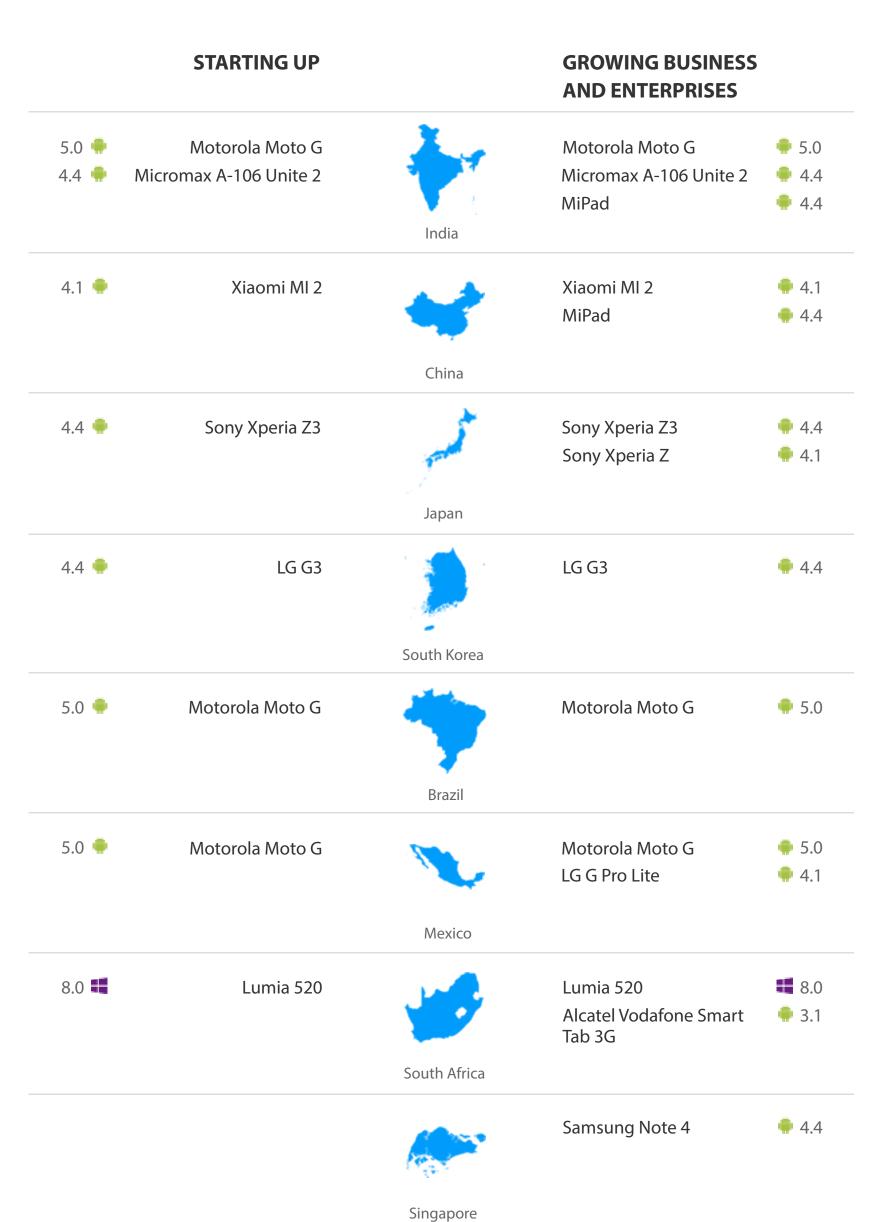
The devices in the following lists have been carefully curated to provide the maximum coverage across all important device parameters: such as market share, popularity, OSes, OS versions, screen sizes, viewports, launch year, and their increasing or decreasing popularity. We have gained insights from the usage statistics of over 30,000 BrowserStack customers, and from direct feedback of their testing requirements. Finally, current global market trends have been taken into consideration, and the lists are continuously updated to reflect them, including the latest and upcoming devices.



The lists above account for devices with the most reported web traffic globally, especially those markets with the strongest smartphone penetration. The additional device lists below indicate the exceptional, country-specific popularity of certain devices, to ensure you maintain the ideal device matrix for your website's audience.

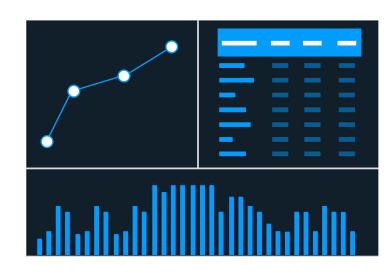
Additional devices by geography

Add these devices to the lists above to ensure maximum coverage in that country.



Using your web analytics

How to use your analytics data effectively with the lists



Your audience analytics data may provide a list of top device sources for your website traffic. However, this data may not be easily accessible or accurate, if your website doesn't have enough traffic. Additionally, this data will not include upcoming devices, and might be heavily biased towards devices in which your website works well, leaving out the others.

In case you do have significant traffic, we recommend combining top devices from your web analytics with the lists above.

References

- https://developer.apple.com/support/appstore/
 https://developer.android.com/about/dashboards/index.html
- 3. http://www.scientiamobile.com/page/movr-mobile-overview-report 4. http://www.appbrain.com/stats/top-devices-by-country?country=IN 5.http://viewportsizes.com

6.https://mycrowd.com/which-mobile-devices-quality-assurance/

- 7. http://www.marketingprofs.com/charts/2014/25740/mobile-trends-most -popular-phones-screen-sizes-and-resolutions
- -popular-pnones-screen-sizes-and-resolutions

 8. https://devblog.xing.com/qa/how-to-choose-the-right-mobile-test-devices/

 9. http://www.slideshare.net/perfectomobile/choose-the-right-devices-for
- -testing-this-quarter

 10. https://opensignal.com/reports/fragmentation.php

 11.http://techcrunch.com/2015/08/03/xiaomi-retains-top-spot-in-chinese
- -smartphone-market/
 12. https://mixpanel.com/trends/
- 12. https://mixpanel.com/trends/13. http://gomobi.info/blog/q1-2015-mobile-web-traffic-report/
- 14. http://www.comscore.com/Insights/Market-Rankings/comScore-Reports
 -May-2015-US-Smartphone-Subscriber-Market-Share

 15. http://www.smashingmagazine.com/2014/10/what-every-app-developer
- 15. http://www.smashingmagazine.com/2014/10/what-every-app-developer-should-know-about-android/
- 16. http://www.smashingmagazine.com/2014/07/testing-and-responsive-web -design/
- 17.http://www.smashingmagazine.com/2014/03/how-to-use-analytics-to-build
- -a-smarter-mobile-website/18. http://stats.areppim.com/stats/stats_mobiresxtime.htm19. http://www.testing-web-sites.co.uk/testing-resources/top-14-screen
- -resolutions/
 20. http://www.testing-web-sites.co.uk/testing-resources/android-version-market
- -share/
 21. https://en.wikipedia.org/wiki/List_of_mobile_phone_makers_by_country
- 21. https://en.wikipedia.org/wiki/List_or_mobile_phone_makers_by_country 22. http://www.inmobi.com/insights/on-demand/ 23. http://gs.statcounter.com/#mobile_browser-na-monthly-201410-201510
- 24. http://www.rapidtables.com/web/dev/screen-resolution-statistics.htm 25. http://royal.pingdom.com/2010/11/30/mobile-os-usage-splits-the-world
- -chart/
 26. http://www.xoriant.com/blog/android/android-device-test-matrix.html

27. https://www.netmarketshare.com/operating-system-market

-share.aspx?qprid=10&qpcustomd=1

28. http://www.devopsdigest.com/test-on-mobile-devices-that-matter-to-your
-business

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