Test on the right mobile devices

The mobile and tablet landscape today is highly fragmented, spanning many devices across manufacturers and models. Supporting and testing on the right set of mobile devices is crucial to avoid mobile abandonment, helping to improve user experience. Thereby, it is critical to choose the ideal list of devices to test your mobile websites.

Therefore, it is essential to keep these lists updated as they are likely to change over time. The lists have been created based on the following parameters:

- Market share and popularity
- OS and OS versions
- Screen sizes
- Viewports and resolutions
- Upcoming devices
- Launch year
- Manufacturer

We have gained insights from usage statistics of over 25,000 BrowserStack customers, and current global market trends. The lists are continuously updated to include latest and upcoming devices.

This list allows the device with the most traffic and crash globally, typically these matches with the highest smartphones market share. Therefore, it is critical to have an understanding of overall device usage, not just to the current market and one country.

### Using your web analytics

Free to use your analytics data (with data from Firefox, etc.).

Your analytics data may not provide a full list of your users’ devices. It’s possible that your device usage data is not very accurate or complete enough (e.g., due to mobile traffic). Additionally, this data will not include upcoming devices, and might be 6 months behind the actual market trends.

While your device data is limited, your web analytics may provide the following information:

- Unique users
- Browsers and operating systems
- Geographical locations
- Mobile device usage
- Mobile traffic
- Mobile abandonment

These insights can help you improve your mobile websites and user experience.

### Additional devices by geography

Add these devices to the list above to ensure maximum coverage in your country.

### References

18. http://www.testing-web-sites.co.uk/testing-resources/top-14-screen-resolutions/
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28. https://www.browserstack.com/test-on-the-right-mobile-devices#subscribe