

Digital Test Coverage Index





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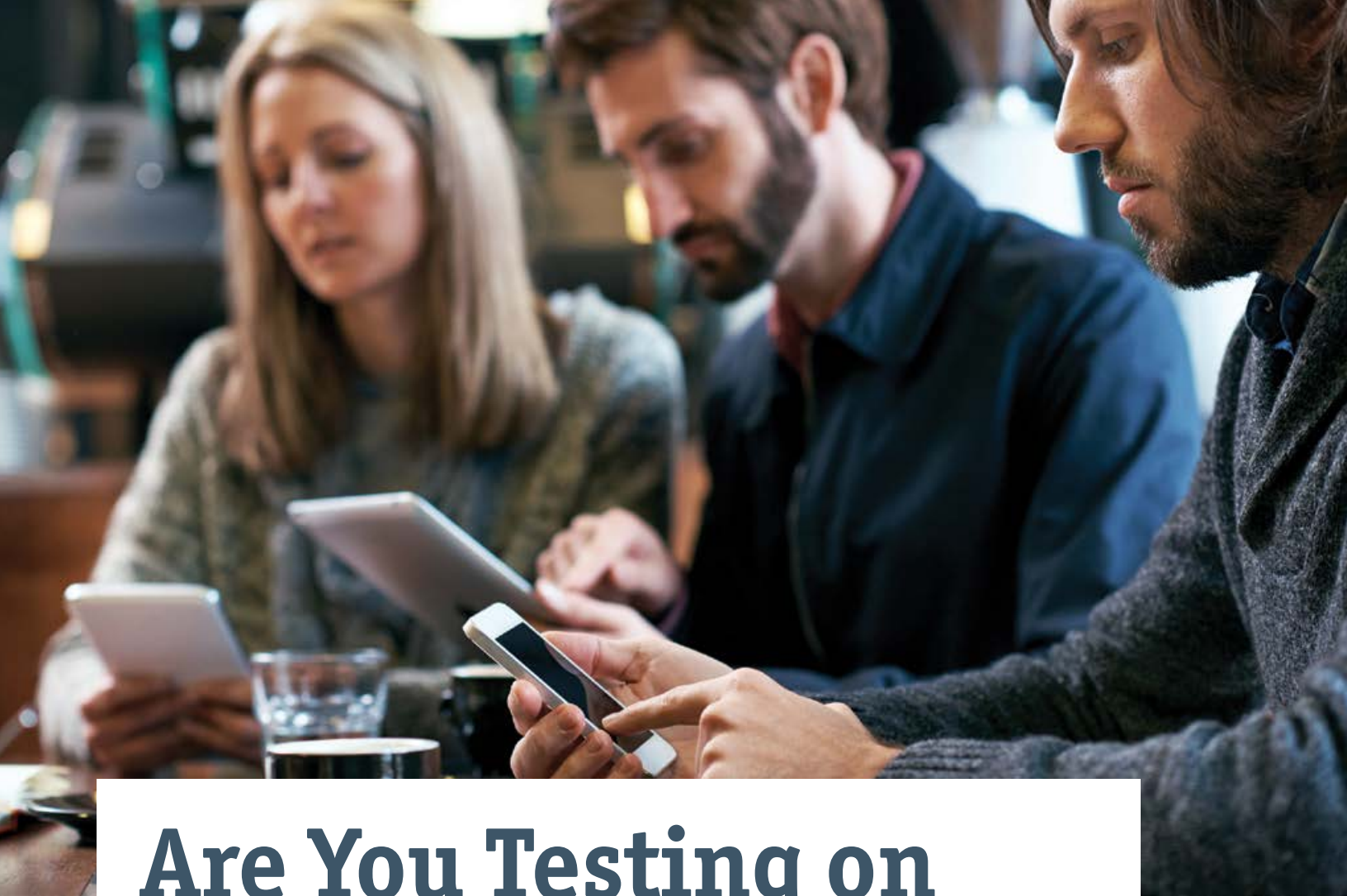
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Are You Testing on the Right Platforms?

This is the question app developers, testers and product managers ask themselves every day. As more businesses transition to digital and rely on high quality interactions with customers via mobile apps and the web, it's essential to have the right test coverage for devices, operating systems and web browsers to deliver a memorable digital experience.

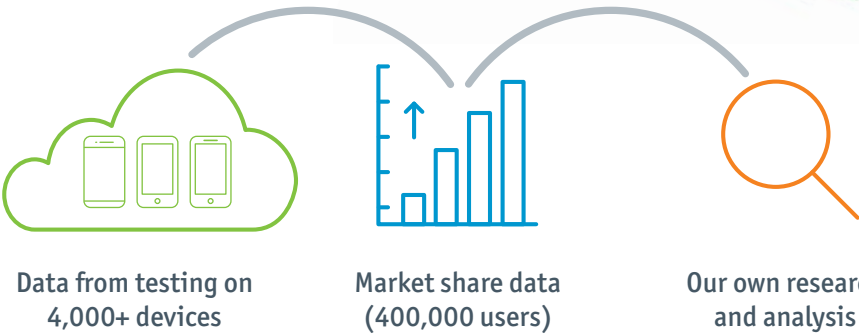
understand the level of testing required to cover all your markets and user profiles on an ongoing basis.

As always, the goal is continuous quality and a winning digital experience. Let us help you plan your test coverage accordingly.

And this is precisely why we've been publishing our Digital Test Coverage Index each quarter: to help your organization



How We Built the Index



No single data source tells the full story, so for the indexes in this report we’ve combined exclusive customer usage data from the Perfecto cloud with mobile market sales data in the respective geographies, along with our own analysis.

For organizations that have access to web traffic and user behavior analytics—we recommend that you merge your own data with our indexes to achieve the optimal test coverage.

The indexes offer up-to-date benchmarks that list the top smartphones, tablets, operating systems and browsers across specific geographies on which you should develop and test your mobile, web and responsive web apps.

How to Read the Index

Taking both mobile and web testing into account, each country featured in the report gets its own “digital coverage” profile. These profiles contain testing recommendations for mobile devices, operating system versions and web browsers, combined to create a holistic view for each region of what’s required for digital quality testing.

To identify the **device test coverage** that best suits your app, you’ll first need to determine your device coverage goal—30%, 50% or 80% of the market (See diagram below). Next, select your target country and then refer to the corresponding device list, making note of the “recommended OS version” column to see the recommended testing mix of devices and platforms for you. For the mobile devices index, we include an up/down arrow or equal sign to indicate usage changes since last quarter. Devices that are new to the index or are reference devices running the latest OS are marked as such.

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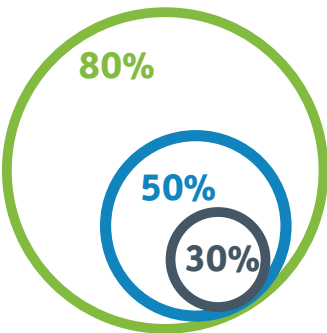
NEW

[REF]

To plan for **web browser testing**, choose your target country and your coverage goals based on what browsers and desktop operating systems you’re supporting. In our Web Test Coverage Index, we list the browser/OS combinations—ranging from 30% to 50% to 80% coverage—that you should test on to achieve the desired market coverage.

Because the digital market is so dynamic, we’ve included an **updated market calendar** showing what device models and OS versions to look out for in the near future so you can plan ahead and refresh your test coverage plan continuously. And finally, we’ve added a 2015 Mobile Retrospective that takes a look back at all the devices and OS versions released throughout the past year.

Mobile Device Coverage



- 30% of the market can be covered with 10-16 devices running the recommended operating system
- 50% of the market can be covered with 17-25 devices, plus the 30% coverage index, and running the recommended OS
- 80% of the market can be covered with 26-32 devices, plus the 50% index, and running the recommended OS

Key Takeaways

Market Trends

1. Apple continues to dominate in the U.S., Canada and Australia markets with more than 40% share in each region. In Europe, Android has a clear advantage, with an aggregated 72% market share. But it's worth noting that the UK is one EU5 country that has a more even split between iOS and Android. *(Refer to #10 for specific recommendations for verticals)*
2. BlackBerry devices are still important in the Canadian region, accounting for almost 8% of the market. In November, BlackBerry launched the first BlackBerry Android devices with physical keyboards (BlackBerry Priv). With that in mind, analyzed data indicates that BlackBerry OS 10 market share will decrease over the next two quarters.
3. Windows Phone keeps its average share of 10% in EU5 markets while it is still weak in the U.S. with only 3% share. Microsoft's mobile market share is expected to grow throughout 2016 now that Windows 10 is available on phones.
4. Legacy devices are still popular in major markets. For example, Samsung Galaxy S3, HTC One M7, iPhone 5S, iPad 2 and iPad Air remain important for various mobile and web apps and need to be part of organizations' testing labs.



Samsung Galaxy S3
Released: Nov 2012
Top 16 - Australia
Top 32 - Global



iPad 2
Released: Mar 2011
Top 16 - Global

5. On Android OS, Samsung remains the smartphone maker with the highest market share in EU5, followed by Sony, HTC, LG, Huawei and Motorola. In the U.S., market data shows that Samsung, LG, HTC and Motorola are the leading smartphone and tablet makers.
6. Worldwide adoption of Google Nexus devices may be slow, but they're the first devices to run the latest Android version, making them an essential part of testing. In contrast, it takes eight months to get the latest Android version on non-Nexus devices.
7. Three months after its release, iOS9 has stabilized with a 70% market share. Of users who are not on iOS9, 22% are using iOS8. It's critical to test on both of these major platforms.

8. Windows 10 adoption is faster than previous versions, according to market share numbers. Based on our analysis, Windows 10 will soon be the second-most popular desktop OS in most geographies.

General Insights

9. Screen size, screen resolution and pixel per inch (PPI) all have implications when running apps and websites. The bigger the PPI number on a normal screen size and resolution, the higher the visual quality. But at the same time, CPU and battery resources will be exhausted to meet that high PPI. The key is to test your app across a variety of PPI ranges on the leading devices.



PPI 515



PPI 401



PPI 131

10. Each organization's testing requirements will be unique and based on their industry and customer analytics. Our indexes provide a recommended baseline and reflect the market, however to get a fully matched index for your business, you need to consider your application types, your geographies, and your own analytical data and merge that with your index. For instance, airline consumers tend to use smartphones while media consumers are likely to use tablets and PCs.

Mobile Test Coverage – U.S.



30%

50%

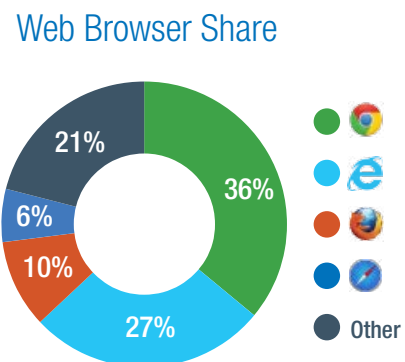
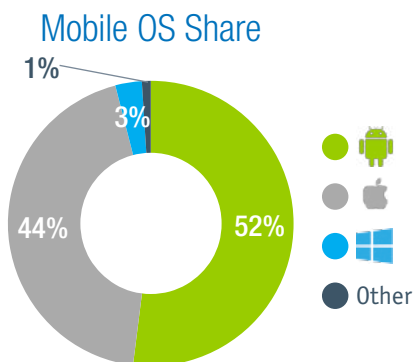
80%

	Device Name	Screen Size	Screen Resolution	PPI (Pixel Per Inch)	Release Date	Recommended OS Version
1	iPhone 6 =	4.7"	750 x 1334	326	Sep-14	iOS 8.4.1
2	Samsung Galaxy S6 ↑	5.1"	1440 x 2560	515	Apr-15	5.1.1
3	iPhone 6 Plus ↑	5.5"	1080 x 1920	401	Sep-14	iOS 9.1
4	iPad 2 ↑	9.7"	768 x 1024	132	Mar-11	iOS 7.1.2
5	Samsung Galaxy Note 4 ↑	5.7"	1440 x 2560	515	Oct-14	5.1
6	iPhone 6S [REF] NEW	4.7"	750 x 1334	326	Sep-15	iOS 9.1
7	Samsung Galaxy S5 ↓	5.1"	1080 x 1920	432	Apr-14	4.4.4
8	iPhone 6S Plus- [REF] NEW	5.5"	1080 x 1920	401	Sep-15	iOS 9.1
9	iPad Air 2 =	9.7"	1536 x 2048	264	Oct-14	iOS 8.4.1
10	HTC One M9 ↑	5.0"	1080 x 1920	440	Mar-15	5.1
11	iPad 4 ↑	9.7"	1536 x 2048	264	Nov-12	iOS 8.3
12	LG Nexus 5X [REF] NEW	5.2"	1080 x 1920	424	Oct-15	6.0
13	Samsung Galaxy Note 5 NEW	5.7"	1440 x 2560	515	Aug-15	5.1.1
14	Motorola Droid Turbo ↑	5.2"	1440 x 2560	565	Oct-14	5.1
15	LG G4 ↓	5.5"	1440 x 2560	515	Apr-15	5.1
16	Samsung Galaxy Tab S2 9.7" NEW	9.7"	1536 x 2048	264	Sep-15	5.0.2
17	iPad Mini 4 NEW	7.9"	1536 x 2048	324	Sep-15	iOS 9.1
18	Google HTC Nexus 9 [REF]	9.0"	1536 x 2048	284	Nov-14	5.1.1
19	Sony Xperia Z3 ↑	5.2"	1080 x 1920	424	Sep-14	5.0.2
20	Samsung Galaxy Tab pro 12.2 =	12.2"	2560 x 1600	247	May-14	4.4
21	LG G3 ↓	5.5"	1440 x 2560	515	Jun-14	5.1.1
22	HTC Desire 510 ↑	4.7"	480 x 854	208	Sep-14	4.4.2
23	Motorola Moto G (3rd Gen) NEW	5.0"	720 x 1280	294	Jul-15	5.1.1
24	Samsung Galaxy S4 ↑	5.0"	1080 x 1920	440	Apr-13	4.2.2
25	iPhone 5S ↓	4.0"	640 x 1136	326	Sep-13	iOS 8.4.1
26	Samsung galaxy S6 Edge ↓	5.1"	1440 x 2560	515	Apr-15	5.1.1
27	Motorola Droid Maxx ↑	5.0"	720 x 1280	294	Aug-13	4.4.4
28	Sony Xperia Z3v ↓	5.2"	1080 x 1920	424	Oct-14	4.4.4
29	Samsung Galaxy S3 ↑	4.8"	720 x 1280	306	May-12	4.3
30	iPad Air ↑	9.7"	1536 x 2048	264	Nov-13	iOS 9.0.2
31	LG G2 ↑	5.5"	720 x 1280	267	Sep-13	4.4.2
32	Samsung Galaxy Tab A ↑	9.7"	768 x 1024	131	May-15	5.0

Web Test Coverage – U.S.

	IE	Safari	Chrome	FireFox	Edge
30%	IE 11-Win 7 IE 11-Win 8.1 IE 8-Win 7	Safari 9-EI Capitan Safari 8-Yosemite Safari 7-Mavericks	Chrome 46-Win 7 Chrome 46-Win 10 Chrome 46-Win 8.1 Chrome 46-Yosemite Chrome 46-EI Capitan Chrome 40-Win 7 Chrome 40-Win 8.1 Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 45-Yosemite Chrome 45-EI Capitan	FireFox 42-Win 7 FireFox 42-Win 10 FireFox 42-Win 8.1 FireFox 41-Win 7 FireFox 41-Win 10 FireFox 41-Win 8.1	Edge 20-Win 10
50%	IE 11-Win 10 IE 9-Win 7	Safari 9-Yosemite Safari 9-Mavericks	Chrome 45-Win 7 Chrome 45-Win 10 Chrome 45-Win 8.1 Chrome 44-Win 7 Chrome 44-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 46-Linux Chrome 46-Chrome OS	FireFox 38-Win 7 FireFox 38-Win 8.1 FireFox 39-Win 7 FireFox 39-Win 8.1	
80%	IE 8-Win 7 IE 8-Win 8.1 IE 10-Win 7 IE 10-Win 8.1 IE 6-Win XP		Chrome 36-Win 7 Chrome 36-Win 8.1 Chrome 39-Win 7 Chrome 39-Win 8.1 Chrome 37-Win 7 Chrome 37-Win 8.1 Chrome 47-Win 7 Chrome 47-Win 8.1	FireFox 40-Win 7 FireFox 40-Win 10 FireFox 40-Win 8.1 FireFox 35-Win 7 FireFox 35-Win 8.1	

U.S. Market Statistics



Mobile Test Coverage – EU5



30%

50%

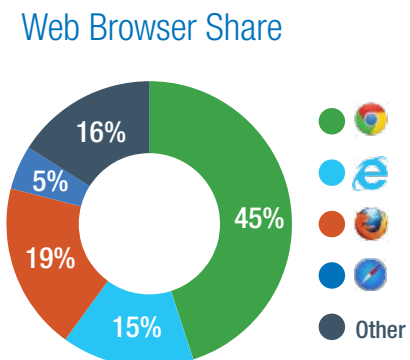
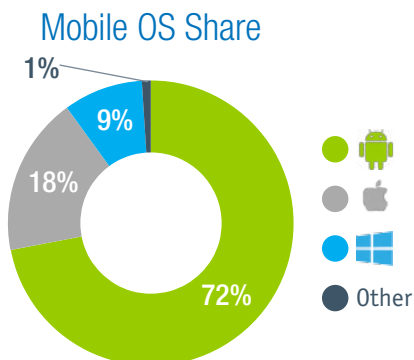
80%

Device Name	Screen Size	Screen Resolution	PPI (Pixel Per Inch)	Release Date	Recommended OS Version
1 Samsung Galaxy S5 ↑	5.1"	1080 x 1920	432	Apr-14	4.4.4
2 iPhone 6 ↓	4.7"	750 x 1334	326	Sep-14	iOS 8.4.1
3 Samsung Galaxy S4 ↑	5.0"	1080 x 1920	440	Apr-13	4.2.2
4 iPad 2 ↑	9.7"	768 x 1024	132	Mar-11	iOS 7.1.2
5 iPhone 6 Plus =	5.5"	1080 x 1920	401	Sep-14	iOS 9.1
6 Samsung Galaxy Note 4 ↑	5.7"	1440 x 2560	515	Oct-14	5.1
7 Sony Xperia M2 ↑	4.8"	540 x 960	229	May-14	5.1
8 Huawei Ascend P7 ↑	5.0"	1080 x 1920	441	Jun-14	4.4.2
9 Google HTC Nexus 9- [REF] ↑	9.0"	1536 x 2048	284	Nov-14	5.1.1
10 HTC One M9 ↑	5.0"	1080 x 1920	440	Mar-15	5.1
11 iPad Air 2 ↑	9.7"	1536 x 2048	264	Oct-14	iOS 8.4.1
12 Google LG Nexus 5 ↑	5.0"	1080 x 1920	445	Nov-13	6
13 Sony Xperia Z3 ↑	5.2"	1080 x 1920	424	Sep-14	5.0.2
14 HTC One M8 ↓	5.0"	1080 x 1920	440	Mar-14	5.1
15 LG G4 ↓	5.5"	1440 x 2560	515	Apr-15	5.1
16 Nokia Lumia 520 ↑	4.0"	480 x 800	233	Apr-13	WP 8.0
17 LG G3 ↓	5.5"	1440 x 2560	515	Jun-14	5.1.1
18 iPad Mini ↑	7.9"	768 x 1024	162	Nov-12	iOS 9.0.2
19 Nokia Lumia 635 ↑	4.5"	480 x 854	221	Jun-14	WP 8.1
20 Samsung Galaxy Tab pro 12.2 ↑	12.2"	2560 x 1600	247	May-14	4.4
21 LG G2 ↑	5.5"	720 x 1280	267	Sep-13	4.4.2
22 iPhone 6S- [REF] NEW	4.7"	750 x 1334	326	Sep-15	iOS 9.1
23 Sony Xperia M4 Aqua NEW	5.0"	720 x 1280	294	Jun-15	5.0.2
24 Samsung Galaxy S4 ↓	5.0"	1080 x 1920	440	Apr-13	4.2.2
25 iPhone 5S ↓	4.0"	640 x 1136	326	Oct-14	iOS 8.4.1
26 Samsung Galaxy S6 ↓	5.1"	1440 x 2560	515	Apr-15	5.1.1
27 iPhone 6S Plus- [REF] NEW	5.5"	1080 x 1920	401	Sep-15	iOS 9.1
28 Samsung Galaxy Note 5 NEW	5.7"	1440 x 2560	515	Aug-15	5.1.1
29 Motorola Moto G (3rd Gen) NEW	5.0"	720 x 1280	294	Jul-15	5.1.1
30 iPad Air ↑	9.7"	1536 x 2048	264	Nov-13	iOS 9.0.2
31 Samsung Galaxy S3 ↑	4.8"	720 x 1280	306	May-12	4.3
32 Samsung Galaxy Tab A ↑	9.7"	768 x 1024	131	May-15	5.0

Web Test Coverage – EU5

	IE	Safari	Chrome	Firefox	Edge
30%	IE 11-Win 7 IE 11-Win 8.1 IE 8-Win 7	Safari 9-El Capitan Safari 8-Yosemite Safari 7-Mavericks	Chrome 46-Win 7 Chrome 46-Win 10 Chrome 46-Win 8.1 Chrome 46-Yosemite Chrome 46-El Capitan Chrome 45-Win 7 Chrome 45-Win 10 Chrome 45-Win 8.1 Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 45-Yosemite Chrome 45-El Capitan	Firefox 42-Win 7 Firefox 42-Win 10 Firefox 42-Win 8.1 Firefox 41-Win 7 Firefox 41-Win 10 Firefox 41-Win 8.1	Edge 20-Win 10
50%	IE 11-Win 10 IE 9-Win 7	Safari 9-Yosemite Safari 9-Mavericks	Chrome 44-Win 7 Chrome 44-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1 Chrome 39 -Win 7 Chrome 39-Win 8.1 Chrome 46-Linux Chrome 46-Chrome OS	Firefox 38-Win 7 Firefox 38-Win 8.1 Firefox 39-Win 7 Firefox 39-Win 8.1	
80%	IE 8-Win 7 IE 8-Win 8.1 IE 10-Win 7 IE 10-Win 8.1 IE 6-Win XP		Chrome 40-Win 7 Chrome 40-Win 8.1 Chrome 31-Win 7 Chrome 31-Win 8.1 Chrome 36-Win 7 Chrome 36-Win 8.1	Firefox 40-Win 7 Firefox 40-Win 10 Firefox 40-Win 8.1 Firefox 37-Win 7 Firefox 37-Win 8.1	

EU5 Market Statistics



Mobile Test Coverage – UK



30%

50%

80%

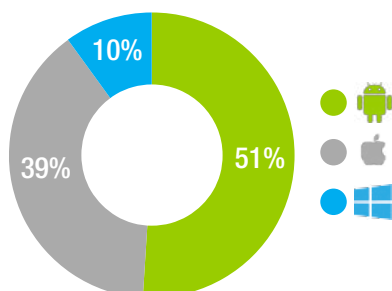
Device Name	Screen Size	Screen Resolution	PPI (Pixel Per Inch)	Release Date	Recommended OS Version
1 iPhone 6 =	4.7"	750 x 1334	326	Sep-14	iOS 8.4.1
2 Samsung Galaxy S4 ↑	5.0"	1080 x 1920	440	Apr-13	4.2.2
3 Samsung Galaxy S5 ↑	5.1"	1080 x 1920	432	Apr-14	4.4.4
4 LG G3 ↑	5.5"	1440 x 2560	515	Jun-14	5.1.1
5 iPhone 6 Plus =	5.5"	1080 x 1920	401	Sep-14	iOS 9.1
6 HTC One M8 ↑	5.0"	1080 x 1920	440	Mar-14	5.1
7 iPad 2 ↑	9.7"	768 x 1024	132	Mar-11	iOS 7.1.2
8 Sony Xperia M2 ↑	4.8"	540 x 960	229	May-14	5.1
9 LG Nexus 5X-[REF] NEW	5.2"	1080 x 1920	424	Oct-15	6.0
10 Nokia Lumia 635 ↑	4.5"	480 x 854	221	Jun-14	WP 8.1
11 iPad Air 2 ↓	9.7"	1536 x 2048	264	Oct-14	iOS 8.4.1
12 Huawei Ascend Y330 ↑	4.0"	480 x 800	245	Mar-14	4.2.2
13 Motorola Moto G (2nd Gen) ↑	4.5"	540 x 960	245	Feb-15	5.0
14 Samsung Galaxy S4 Mini ↑	4.3"	540 x 960	256	Jul-13	4.2.2
15 iPad Mini ↑	7.9"	768 x 1024	162	Nov-12	iOS 9.0.2
16 iPhone 6S-[REF] NEW	4.7"	750 x 1334	326	Sep-15	iOS 9.1
17 Samsung Galaxy S6 ↓	5.1"	1440 x 2560	515	Apr-15	5.1.1
18 Samsung Galaxy S3 ↓	4.8"	720 x 1280	306	May-12	4.3
19 LG G2 ↑	5.5"	720 x 1280	267	Sep-13	4.4.2
20 iPhone 5S ↓	4.0"	640 x 1136	326	Sep-13	iOS 8.4.1
21 HTC Desire 610 ↑	4.7"	540 x 960	234	May-14	4.4.2
22 Samsung Galaxy Tab S2 9.7" NEW	9.7"	1536 x 2048	264	Sep-15	5.0.2
23 HTC One M9 ↓	5.0"	1080 x 1920	440	Mar-15	5.1
24 LG G4 ↓	5.5"	1440 x 2560	515	Apr-15	5.1
25 Sony xperia Z3 compact ↑	4.6"	720 x 1280	319	Sep-14	5.0.2
26 Nokia Lumia 520 ↓	4.0"	480 x 800	233	Apr-13	WP 8.0
27 Sony Xperia M4 Aqua ↑	5.0"	720 x 1280	294	Jun-15	5.0.2
28 Samsung Galaxy Note 4 ↓	5.7"	1440 x 2560	515	Oct-14	5.1
29 Sony Xperia Z2 Tablet ↓	10.1"	1200 x 1920	224	Mar-14	4.4.2
30 iPad Air ↑	9.7"	1536 x 2048	264	Nov-13	iOS 9.0.2
31 Huawei Ascend P7 ↑	5.0"	1080 x 1920	441	Jun-14	4.4.2
32 LG G Pad ↑	8.3"	1200 x 1920	273	Oct-13	4.4.2

Web Test Coverage – UK

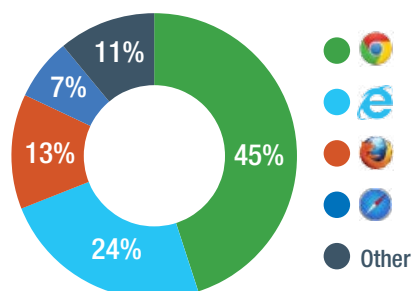
	IE	Safari	Chrome	Firefox	Edge
30%	IE 11-Win 7 IE 11-Win 8.1 IE 9-Win 7	Safari 9-El Capitan Safari 8-Yosemite Safari 7-Mavericks	Chrome 46-Win 7 Chrome 46-Win 10 Chrome 46-Win 8.1 Chrome 46-Yosemite Chrome 46-El Capitan Chrome 45-Win 7 Chrome 45-Win 10 Chrome 45-Win 8.1 Chrome 45-Yosemite Chrome 45-El Capitan Chrome 40-Win 7 Chrome 40-Win 8.1	Firefox 42-Win 7 Firefox 42-Win 10 Firefox 42-Win 8.1 Firefox 41-Win 7 Firefox 41-Win 10 Firefox 41-Win 8.1	Edge 20-Win 10
50%	IE 11-Win 10 IE 8-Win 7	Safari 9-Yosemite Safari 9-Mavericks	Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 44-Win 7 Chrome 44-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1 Chrome 46-Linux Chrome 46-Chrome OS	Firefox 38-Win 7 Firefox 38-Win 8.1 Firefox 40-Win 7 Firefox 40-Win 10 Firefox 40-Win 8.1	
80%	IE 8-Win 7 IE 8-Win 8.1 IE 10-Win 7 IE 10-Win 8.1 IE 6-Win XP		Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 44-Win 7 Chrome 44-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1	Firefox 39-Win 7 Firefox 39-Win 8.1 Firefox 43-Win 7 Firefox 43-Win 10 Firefox 43-Win 8.1	

UK Market Statistics

Mobile OS Share



Web Browser Share



Mobile Test Coverage – Germany



30%

50%

80%

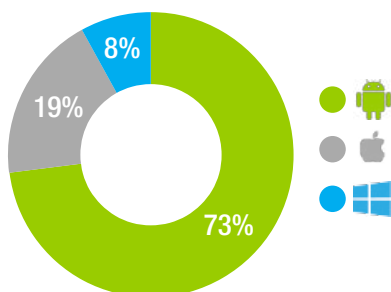
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3	iPad 2 ↑	9.7''	768 x 1024	132	Mar-11	iOS 7.1.2
4	LG G2 ↑	5.5''	720 x 1280	267	Sep-13	4.4.2
5	HTC One M7 ↑	4.7''	1080 x 1920	469	Mar-13	4.1.2
6	iPhone 6 Plus ↓	5.5''	1080 x 1920	401	Sep-14	iOS 9.1
7	Nokia Lumia 630 ↑	4.5''	480 x 854	221	May-14	WP 8.1
8	Samsung Galaxy S4 Mini ↑	4.3''	540 x 960	256	Jul-13	4.2.2
9	Sony Xperia Z3 ↑	5.2''	1080 x 1920	424	Sep-14	5.0.2
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26	Samsung Galaxy Note 4 ↑	5.7''	1440 x 2560	515	Oct-14	5.1
27	Samsung Galaxy Tab S2 9.7'' NEW	9.7''	1536 x 2048	264	Sep-15	5.0.2
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Web Test Coverage – Germany

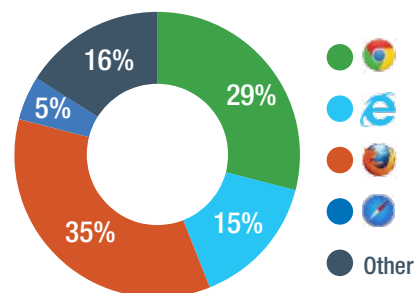
	IE	Safari	Chrome	FireFox	Edge
30%	IE 11-Win 7 IE 11-Win 8.1 IE 9-Win 7	Safari 9-EI Capitan Safari 8-Yosemite Safari 7-Mavericks	Chrome 46-Win 7 Chrome 46-Win 10 Chrome 46-Win 8.1 Chrome 46-Yosemite Chrome 46-EI Capitan Chrome 45-Win 7 Chrome 45-Win 10 Chrome 45-Win 8.1 Chrome 45-Yosemite Chrome 45-EI Capitan Chrome 43-Win 7 Chrome 43-Win 8.1	FireFox 42-Win 7 FireFox 42-Win 10 FireFox 42-Win 8.1 FireFox 41-Win 7 FireFox 41-Win 10 FireFox 41-Win 8.1	Edge 20-Win 10
50%	IE 11-Win 10 IE 8-Win 7 IE 10-Win 7	Safari 9-Yosemite Safari 9-Mavericks	Chrome 44-Win 7 Chrome 44-Win 8.1 Chrome 37-Win 7 Chrome 37-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1 Chrome 46-Linux Chrome 46-Chrome OS	FireFox 38-Win 7 FireFox 38-Win 8.1 FireFox 40-Win 7 FireFox 40-Win 10 FireFox 40-Win 8.1	
80%	IE 8-Win 7 IE 8-Win 8.1 IE 10-Win 8.1 IE 6-Win XP		Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 44-Win 7 Chrome 44-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1	FireFox 39-Win 7 FireFox 39-Win 8.1 FireFox 31-Win 7 FireFox 31-Win 8.1	

Germany Market Statistics

Mobile OS Share



Web Browser Share



Mobile Test Coverage – Canada



30%

50%

80%

	Device Name	Screen Size	Screen Resolution	PPI (Pixel Per Inch)	Release Date	Recommended OS Version
30%	1 iPhone 6	4.7"	750 x 1334	326	Sep-14	iOS 8.4.1
	2 Samsung Galaxy Note 4	5.7"	1440 x 2560	515	Oct-14	5.1
	3 iPhone 6 Plus	5.5"	1080 x 1920	401	Sep-14	iOS 9.1
	4 iPad 2	9.7"	768 x 1024	132	Oct-14	iOS 7.1.2
	5 Samsung Galaxy S4	5.0"	1080 x 1920	440	Nov-14	4.2.2
	6 iPhone 6S- [REF] NEW	4.7"	750 x 1334	326	Sep-15	iOS 9.1
	7 Blackberry Passport	4.5"	1440 x 1440	452	Sep-14	10.3.2
	8 Sony Xperia M4 Aqua	5.0"	720 x 1280	294	Jun-15	5.0
	9 LG Nexus 5X [REF] NEW	5.2"	1080 x 1920	424	Apr-13	6.0
	10 HTC One M9	5.0"	1080 x 1920	440	Mar-15	5.1
	11 iPad Mini	7.9"	768 x 1024	162	Oct-14	iOS 9.0.2
	12 Blackberry Leap	5.0"	720 x 1280	294	Apr-15	10.3.1
	13 iPhone 5S	4.0"	640 x 1136	326	Oct-14	iOS 8.4.1
	14 iPad Air 2	9.7"	1536 x 2048	264	Apr-14	iOS 8.4.1
	15 LG G4	5.5"	1440 x 2560	515	Apr-15	5.1
	16 Samsung Galaxy Tab S2 9.7" NEW	9.7"	1536 x 2048	264	Sep-15	5.0.2
50%	17 iPad Mini 3	7.9"	1536 x 2048	324	Sep-15	iOS 9.0.2
	18 Google HTC Nexus 9- [REF]	9.0"	1536 x 2048	284	Nov-14	5.1.1
	19 iPhone 6S Plus- [REF] NEW	5.5"	1080 x 1920	401	Sep-15	iOS 9.1
	20 BlackBerry Classic (Q20)	3.5"	720 x 720	290	Dec-14	10.3.1
	21 LG G3	5.5"	1440 x 2560	515	Jun-14	5.1.1
	22 Samsung Galaxy S6	5.1"	1440 x 2560	515	Apr-15	5.1.1
	23 Sony Xperia Z2 Tablet	10.1"	1200 x 1920	224	Aug-15	4.4.2
	24 Samsung Galaxy S5	5.1"	1080 x 1920	432	Feb-15	4.4.4
	25 Sony Xperia Z3	5.2"	1080 x 1920	424	Sep-14	5.0.2
80%	26 Lumia 830	5.0"	720 x 1280	294	Sep-14	WP 8.1
	27 Motorola Moto G (3rd Gen)	5.0"	720 x 1280	294	Jul-15	5.1.1
	28 iPad Air	9.7"	1536 x 2048	264	Feb-15	iOS 9.0.2
	29 Blackberry Z10	4.2"	768 X 1280	355	Jan-13	10
	30 Huawei Y6	5.0"	720 x 1280	294	Jul-15	5.1
	31 iPad 4	9.7"	1536 x 2048	264	Mar-14	iOS 8.3
	32 Samsung Galaxy Tab A	9.7"	768 x 1024	131	May-15	5.0

Web Test Coverage – Canada

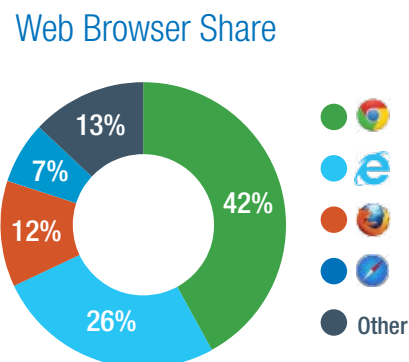
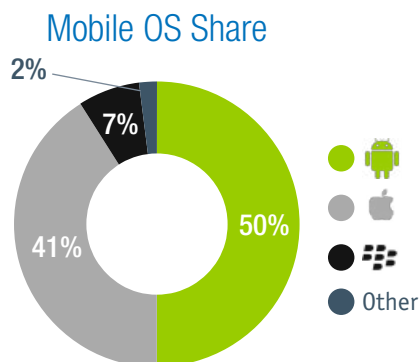
30%

50%

80%

IE	Safari	Chrome	Firefox	Edge
IE 11-Win 7 IE 11-Win 8.1 IE 8-Win 7	Safari 9-El Capitan Safari 8-Yosemite Safari 7-Mavericks	Chrome 46-Win 7 Chrome 46-Win 10 Chrome 46-Win 8.1 Chrome 46-Yosemite Chrome 46-El Capitan Chrome 40-Win 7 Chrome 40-Win 8.1 Chrome 45-Win 7 Chrome 45-Win 10 Chrome 45-Win 8.1 Chrome 45-Yosemite Chrome 45-El Capitan Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 44-Win 7	Firefox 42-Win 7 Firefox 42-Win 10 Firefox 42-Win 8.1 Firefox 41-Win 7 Firefox 41-Win 10 Firefox 41-Win 8.1	Edge 20-Win 10
IE 11-Win 10 IE 9-Win 7	Safari 9-Yosemite Safari 9-Mavericks	Chrome 44-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1 Chrome 46-Linux Chrome 46-Chrome OS	Firefox 38-Win 7 Firefox 38-Win 8.1 Firefox 39-Win 7 Firefox 39-Win 8.1	
IE 8-Win 7 IE 8-Win 8.1 IE 10-Win 7 IE 10-Win 8.1 IE 6-Win XP		Chrome 39 -Win 7 Chrome 39-Win 8.1 Chrome 47-Win 7 Chrome 47-Win 8.1 Chrome 37-Win 7 Chrome 37-Win 8.1 Chrome 38-Win 7 Chrome 38-Win 8.1	Firefox 40-Win 7 Firefox 40-Win 10 Firefox 40-Win 8.1 Firefox 35-Win 7 Firefox 35-Win 8.1	

Canada Market Statistics



Mobile Test Coverage – Australia



30%

50%

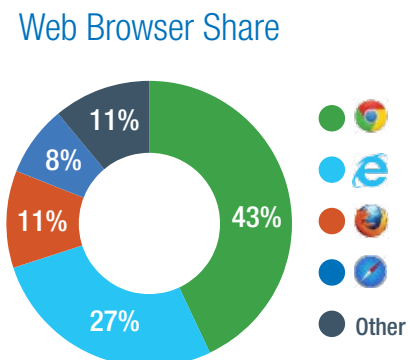
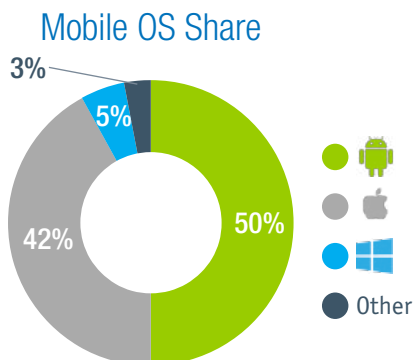
80%

Device Name	Screen Size	Screen Resolution	PPI (Pixel Per Inch)	Release Date	Recommended OS Version
1 iPhone 6	4.7"	750 x 1334	326	Sep-14	iOS 8.4.1
2 Samsung Galaxy S5	5.1"	1080 x 1920	432	Apr-14	4.4.4
3 iPhone 5S	4.0"	640 x 1136	326	Sep-13	iOS 8.4.1
4 Samsung Galaxy S4	5.0"	1080 x 1920	440	Apr-13	4.2.2
5 iPad 2	9.7"	768 x 1024	132	Mar-11	iOS 7.1.2
6 Sony Xperia Z3 Compact	4.6"	720 x 1280	320	Sep-14	4.4.4
7 iPhone 6S- [REF]	4.7"	750 x 1334	326	Sep-15	iOS 9.1
8 iPad Mini	7.9"	768 x 1024	162	Nov-12	iOS 9.0.2
9 iPhone 5C	4.0"	640 x 1136	326	Sep-13	iOS 7.1.2
10 HTC One M9	5.0"	1080 x 1920	440	Mar-15	5.1
11 LG Nexus 5X [REF] NEW	5.2"	1080 x 1920	424	Oct-15	6.0
12 iPad Air 2	9.7"	1536 x 2048	264	Oct-14	iOS 8.4.1
13 Samsung Galaxy S3	4.8"	720 x 1280	306	May-12	4.3
14 iPad 4	9.7"	1536 x 2048	264	Nov-12	iOS 8.3
15 iPhone 6 Plus	5.5"	1080 x 1920	401	Sep-14	iOS 9.1
16 LG G4	5.5"	1440 x 2560	515	Apr-15	5.1
17 Nokia Lumia 530	4.0"	480 x 854	245	Aug-14	WP 8.1
18 Motorola Moto X Play NEW	5.5"	1080 x 1920	401	Aug-15	5.1.1
19 LG Optimus L70	4.5"	480 x 800	207	Apr-14	4.4.2
20 Samsung Galaxy Note 5 NEW	5.7"	1440 x 2560	515	Aug-15	5.1.1
21 Samsung Galaxy Tab A	9.7"	768 x 1024	131	May-15	5.0
22 Google HTC Nexus 9- [REF]	9.0"	1536 x 2048	284	Nov-14	5.1.1
23 HTC One M8	5.0"	1080 x 1920	440	Mar-14	5.1
24 Nokia Lumia 640	5.0"	720 x 1280	293	Apr-15	WP 8.1
25 Samsung Galaxy S6	5.1"	1440 x 2560	515	Apr-15	5.1.1
26 iPhone 6S Plus- [REF] NEW	5.5"	1080 x 1920	401	Sep-15	iOS 9.1
27 Sony Xperia Z4 Tablet	10.1"	2560 x 1600	299	Jun-15	5.0
28 motorola Moto X Style NEW	5.7"	1440 x 2560	515	Sep-15	5.1.1
29 HTC Desire 820	5.5"	720 x 1280	267	Nov-14	5.0.2
30 Huawei Ascend P8	5.2"	1080 x 1920	424	Apr-15	5.0.2
31 iPad Mini 3	7.9"	1536 x 2048	324	Oct-14	iOS 9.0.2
32 HTC One M7	4.7"	1080 x 1920	469	Mar-13	4.1.2

Web Test Coverage – Australia

	IE	Safari	Chrome	FireFox	Edge
30%	IE 11-Win 7 IE 11-Win 8.1 IE 9-Win 7	Safari 9-El Capitan Safari 8-Yosemite Safari 7-Mavericks	Chrome 46-Win 7 Chrome 46-Win 10 Chrome 46-Win 8.1 Chrome 46-Yosemite Chrome 46-El Capitan Chrome 45-Win 7 Chrome 45-Win 10 Chrome 45-Win 8.1 Chrome 45-Yosemite Chrome 45-El Capitan Chrome 44-Win 7 Chrome 44-Win 8.1	FireFox 42-Win 7 FireFox 42-Win 10 FireFox 42-Win 8.1 FireFox 41-Win 7 FireFox 41-Win 10 FireFox 41-Win 8.1	Edge 20-Win 10
50%	IE 11-Win 10 IE 8-Win 7 IE 10-Win 7	Safari 9-Yosemite Safari 9-Mavericks	Chrome 43-Win 7 Chrome 43-Win 8.1 Chrome 40-Win 7 Chrome 40-Win 8.1 Chrome 42-Win 7 Chrome 42-Win 8.1 Chrome 31-Win 7 Chrome 31-Win 8.1 Chrome 46-Linux Chrome 46-Chrome OS	FireFox 38-Win 7 FireFox 38-Win 8.1 FireFox 40-Win 7 FireFox 40-Win 10 FireFox 40-Win 8.1	
80%	IE 8-Win 7 IE 8-Win 8.1 IE 10-Win 8.1 IE 6-Win XP		Chrome 39-Win 7 Chrome 39-Win 8.1 Chrome 41-Win 7 Chrome 41-Win 8.1 Chrome 37-Win 7 Chrome 37-Win 8.1 Chrome 38-Win 7 Chrome 38-Win 8.1	FireFox 39-Win 7 FireFox 39-Win 8.1 FireFox 37-Win 7 FireFox 37-Win 8.1	

Australia Market Statistics





DEVICES

2015

2016

Samsung
Samsung Galaxy
S6 Edge+

iPad
iPad Mini 4
Google
Google Pixel C

SONY
Sony Xperia Z5
HUAWEI
Huawei Ascend Mate S
nexus
Google LG Nexus 5x
Google Huawei
Nexus 6P
Microsoft
Microsoft Surface Pro 4

iPad
iPad Pro
htc
HTC One A9
LG
LG V10
BlackBerry
BlackBerry Priv
ONEPLUS
One Plus X
Microsoft
Lumia 950
Lumia 950 XL
Microsoft Surface book
MOTOROLA
Motorola Droid Turbo 2
Motorola Droid Maxx 2
Samsung
Samsung Galaxy View

Microsoft
Lumia 550

LG
LG G5
LG G Flex 3
Samsung
Samsung Galaxy S7
htc
HTC One M10
SONY
Sony Xperia Z6

Microsoft
Surface Phone

LG
LG G5

mi
Xiaomi Mi 6

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

FEBRUARY

MARCH

APRIL

MAY

JUNE

Apple
iOS 9.3

Android
Android 6.1

Apple
iOS 10
announcement

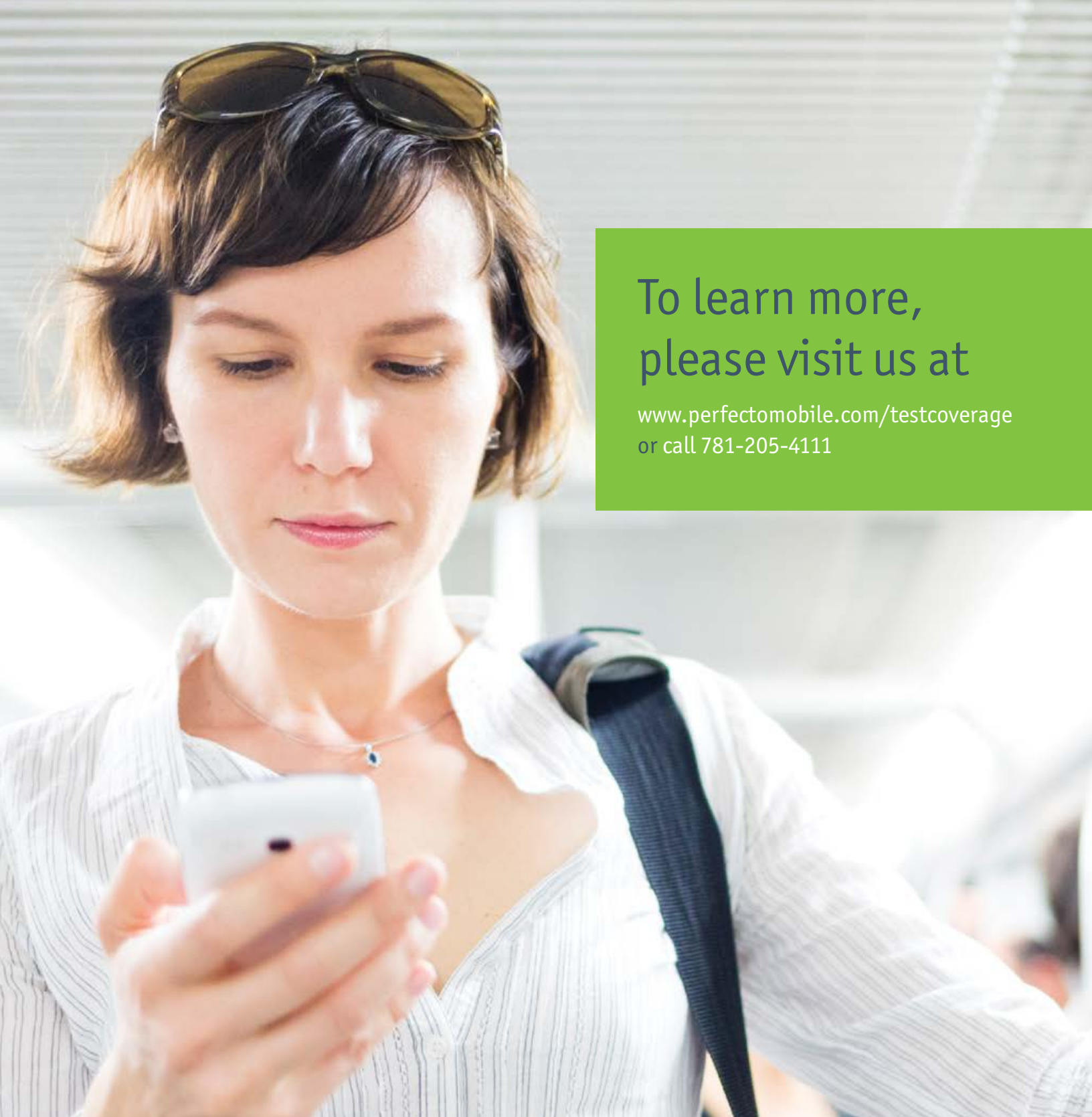
2015 Mobile Retrospective

Did you keep up with this year's innovations and are you ready for 2016?

	OS											
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
MAJOR RELEASE			Apple iOS 8.2 Android 5.1	Apple iOS 8.3 Android 5.1.1					Apple iOS 9.0	Android 6.0	Windows 10 Apple iOS 9.1	
SMALL UPDATE		BlackBerry OS 10.3.1				Apple iOS 8.4		Apple iOS 8.4.1	BlackBerry OS 10.3.2 Apple iOS 9.0.1 Apple iOS 9.0.2			Android 6.0.1 Apple iOS 9.2
DISRUPTIVE TECHNOLOGIES									Enhanced Voice Commands In-App with Context Introduced Force Touch	Enhanced Mobile Payments Apple Pay Android Pay	Enhanced Fingerprint Capabilities	
NEW DEVICES	Samsung Galaxy A7		htc HTC One M9	Apple Watch Samsung Galaxy S6 Edge Samsung Galaxy S6	Samsung Galaxy Tab A SONY Sony Xperia Z4 Tablet	SONY Sony Xperia Z3+ MOTOROLA Moto G 3rd Gen Xiaomi Redmi 2 Xiaomi Redmi Note 2		Samsung Galaxy Note V ONEPLUS One Plus 2	Apple iPhone 6S iPad Mini	HUAWEI Nexus 6P Acend Mate S LG Nexus 5X htc HTC Butterfly 3	Apple iPad Pro iPad Mini iPad Air 3 LG LV V10 Lumia 950XL Lumia 950 MOTOROLA Droid Maxx 2 Droid Turbo 2	BlackBerry BlackBerry Priv Lumia 550 Samsung Samsung Galaxy View



DEVICES



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