

DeviceAnywhere Metrics

2011  
February



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## Summary

This monthly report contains handset usage statistics based on usage in the DeviceAnywhere Test Center service on devices offered by the four major US operators (AT&T, Sprint, T-Mobile and Verizon). This report is published to the mobile community to help inform on mobile trends related to handsets and application development. In this edition, data from February 2011 is compared to data from January 2011 and February 2010. For more information about the methodology and data used in this report, please see About This Report on page 11.

## Findings

Smartphones continued to dominate testing time across all operators:

- Smartphone usage as a % of total usage has increased to 67.2% of total usage in February 2011, up from 65.7% in January 2011, and well above its 51.3% in February one year earlier
- Smartphone usage as a percentage of total testing time increased on 3 of 4 US operators in February 2011 (Sprint, T-Mobile and Verizon)
- AT&T smartphone testing time decreased to 69.8% from 72.4% in January 2011, but still remains the network with the highest percent of smartphone testing time. Sprint has the second highest percent of smartphone testing at 69.5%

BlackBerry OS's market share of smartphone testing time decreased sharply in February, but it still continues to maintain its lead as the manufacturer with the most tested on devices in DeviceAnywhere Test Center:

- BlackBerry OS devices share of total smartphone testing time decreased to 40.8% in February 2011 from 45.0% in January 2011 and is well below its 59.1% in February 2010
- Out of total smartphone testing time, BlackBerry OS devices are the most used on the Sprint and AT&T networks, and the second most used on Verizon and T-Mobile

Android OS devices continue to gain share of testing time:

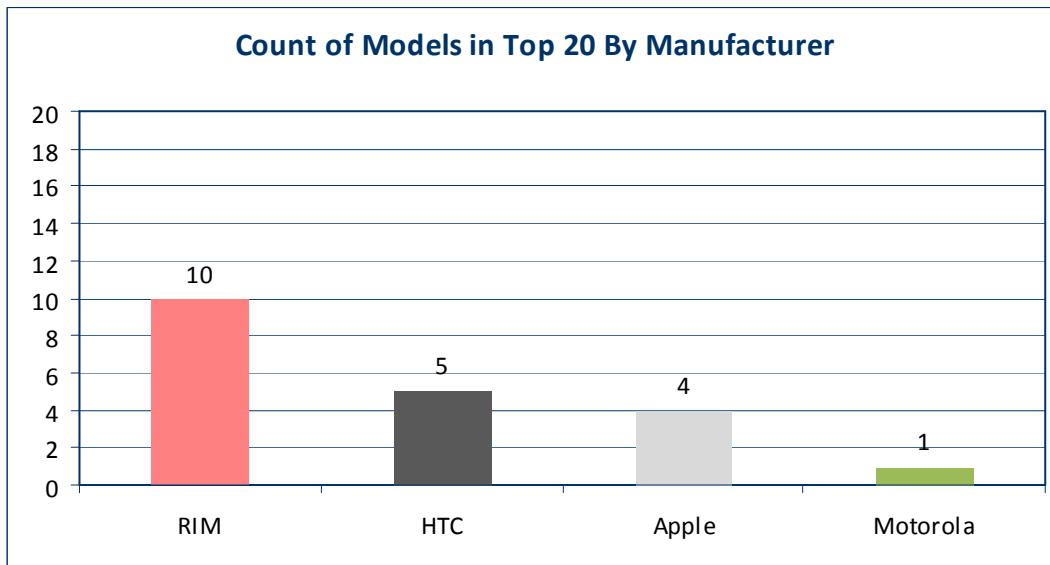
- Android is the second most tested smartphone OS in February 2011, garnering 30.0% of smartphone testing time, compared to 26.9% January 2011. In February 2010, Android devices made up only 10.4% of total smartphone testing time
- An Android device is the most used device on three of the four operators: HTC EVO 4G on Sprint, Motorola Droid on Verizon and HTC Nexus One on T-Mobile

Other notable data points:

- iPhone OS continues to gain share of testing time at 17.2% in February 2011, up from 16.2% in January 2011 and well above its 8.4% in February 2010
- HTC moved up to 2<sup>nd</sup> place on the manufacturer list with 13.0% of total usage, up from 4<sup>th</sup> place in January 2011 and 5<sup>th</sup> place in February 2010
- The first tablet device made the list – number 17 on Sprint's top 20 is the Samsung Galaxy Tab

## 20 Most Used DeviceAnywhere Handsets

Ranking			Device	Offered On			
Feb-11	Jan-11	Feb-10		AT&T	Sprint	T-Mobile	Verizon
1	3	15	Apple iPhone	yes	-	-	-
2	8	25	Apple iPhone 3G S	yes	-	-	-
3	5	1	BlackBerry 9000 (Bold)	yes	-	-	-
4	2	2	BlackBerry 8330 (Curve)	-	yes	-	yes
5	4	-	BlackBerry 9800 (Torch)	yes	-	-	-
6	6	-	Apple iPhone 4	yes	-	-	-
7	1	3	Apple iPhone 3G	yes	-	-	-
8	10	-	HTC EVO 4G	-	yes	-	-
9	7	17	Motorola Droid	-	-	-	yes
10	9	6	BlackBerry 9700 (Bold)	yes	-	yes	-
11	13	26	HTC Nexus One	yes	-	yes	-
12	12	10	BlackBerry 9630 (Tour)	-	yes	-	yes
13	11	9	BlackBerry 8300 (Curve)	yes	-	yes	-
14	15	12	BlackBerry 8830	-	yes	-	yes
15	24	-	BlackBerry 9650 (Bold)	-	yes	-	yes
16	18	23	BlackBerry 8530 (Curve)	-	yes	-	yes
17	14	4	BlackBerry 8900 (Curve)	yes	-	yes	-
18	22	291	HTC Droid Eris	-	-	-	yes
19	19	37	HTC Hero	-	yes	-	-
20	25	-	HTC Incredible	-	-	-	yes



The figures above are based on 557 available and used models\* offered across AT&T, Sprint, T-Mobile and Verizon in the DeviceAnywhere system.

\* A device model is defined here as a unique manufacturer and model (i.e. a V3 RAZR offered on both AT&T and T-Mobile is considered one unique model, not two.)

## 20 Most Used Device Anywhere Handsets - By Operator

### AT&T

Ranking			Device
Feb-11	Jan-11	Feb-10	
1	2	7	Apple iPhone
2	6	12	Apple iPhone 3G S
3	4	1	BlackBerry 9000 (Bold)
4	3	-	BlackBerry 9800 (Torch)
5	5	-	Apple iPhone 4
6	1	2	Apple iPhone 3G
7	7	6	BlackBerry 9700 (Bold)
8	8	5	BlackBerry 8300 (Curve)
9	9	3	BlackBerry 8310 (Curve)
10	10	4	BlackBerry 8900 (Curve)
11	12	37	HTC Nexus One
12	17	-	HTC Aria
13	13	14	LG CU720 (Shine)
14	21	29	Nokia 6682
15	14	13	Nokia E71x
16	23	8	Motorola V3 (RAZR)
17	24	17	Samsung SGH-A737
18	25	23	Motorola V3xx (RAZR)
19	11	10	BlackBerry 8800
20	15	11	BlackBerry 8100 (Pearl)

Out of a total 201 models used

### Sprint

Ranking			Device
Feb-11	Jan-11	Feb-10	
1	1	-	HTC EVO 4G
2	3	6	HTC Hero
3	2	1	BlackBerry 8330 (Curve)
4	4	7	BlackBerry 9630 (Tour)
5	6	-	BlackBerry 9650 (Bold)
6	5	11	BlackBerry 8530 (Curve)
7	8	2	Palm Pre
8	21	-	HTC EVO Shift 4G
9	16	17	BlackBerry 8830
10	10	-	Samsung SPH-D700 (Epic 4G)
11	28	80	Motorola i680
12	11	4	Samsung SPH-M800 (Instinct)
13	13	9	Samsung SPH-M540 (Rant)
14	17	-	BlackBerry 9670 (Style)
15	7	5	BlackBerry 8350i (Curve)
16	9	-	LG LS670 (Optimus)
17	101	-	Samsung SPH-P100 (Galaxy Tab)
18	19	3	Motorola V3m (RAZR)
19	20	8	BlackBerry 8130 (Pearl)
20	18	-	Samsung SPH-M900 (Moment)

Out of a total 111 models used

### T-Mobile

Ranking			Device
Feb-11	Jan-11	Feb-10	
1	2	6	HTC Nexus One
2	1	1	HTC G1
3	3	2	Motorola V3 (RAZR)
4	4	5	HTC myTouch 3G
5	9	9	BlackBerry 8900 (Curve)
6	21	4	BlackBerry 9700 (Bold)
7	5	8	Motorola V3T (RAZR)
8	8	-	BlackBerry 8300 (Curve)
9	22	7	BlackBerry 8520 (Curve)
10	55	-	HTC HD7
11	15	-	Samsung GT-I9020T (Nexus S)
12	6	-	BlackBerry 9300 (Curve 3G)
13	20	10	Motorola MB200 (Cliq)
14	10	-	HTC HD2
15	34	67	Nokia 5310 XpressMusic
16	54	-	Nokia E73
17	16	-	Samsung SGH-T939 (Behold II)
18	42	-	Samsung SGH-T959 (Vibrant)
19	14	11	BlackBerry 8100 (Pearl)
20	76	-	LG GS170

Out of a total 111 models used

### Verizon

Ranking			Device
Feb-11	Jan-11	Feb-10	
1	1	4	Motorola Droid
2	2	2	BlackBerry 8330 (Curve)
3	6	78	HTC Droid Eris
4	7	-	HTC Incredible
5	4	3	BlackBerry 8830
6	3	-	Motorola MB810 (Droid X)
7	9	2	BlackBerry 9530 (Storm)
8	8	5	BlackBerry 9630 (Tour)
9	22	-	Samsung SCH-I500 (Fascinate)
10	12	-	BlackBerry 9650 (Bold)
11	11	12	BlackBerry 8530 (Curve)
12	14	-	BlackBerry 9330 (Curve 3G)
13	13	14	LG VX11000 (enV Touch)
14	5	-	Motorola Droid 2
15	10	7	BlackBerry 9550 (Storm 2)
16	62	-	Motorola A956 (Droid 2 Global)
17	20	11	Motorola V3c (RAZR)
18	44	19	Nokia 6015i
19	33	6	LG VX10000 (Voyager)
20	39	-	Motorola XT610 (Droid Pro)

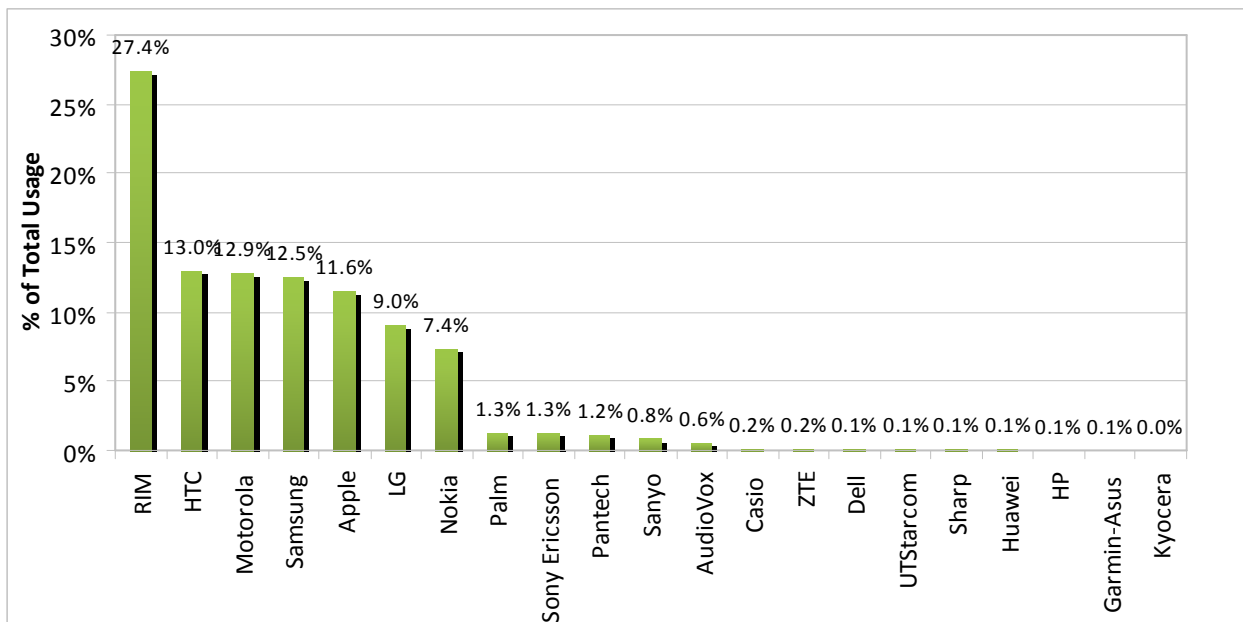
Out of a total 164 models used

Note: Some models are offered by multiple operators. The total number of models, defined for purposes on this page as a unique carrier, manufacturer, and model (i.e. a V3 RAZR offered on both AT&T and T-Mobile counts as two models) is 587.

## Percentage of Time Spent on DeviceAnywhere Handsets - By Manufacturer

Ranking			No. of Models	Manufacturer	% of Total Usage
Feb-11	Jan-11	Feb-10			
1	1	1	37	RIM	27.4%
2	4	5	42	HTC	13.0%
3	2	2	98	Motorola	12.9%
4	3	3	145	Samsung	12.5%
5	5	7	4	Apple	11.6%
6	6	4	87	LG	9.0%
7	7	6	53	Nokia	7.4%
8	9	8	12	Palm	1.3%
9	8	10	17	Sony Ericsson	1.3%
10	11	11	17	Pantech	1.2%
11	10	8	17	Sanyo	0.8%
12	12	12	6	AudioVox	0.6%
13	13	13	7	Casio	0.2%
14	16	-	3	ZTE	0.2%
15	17	-	1	Dell	0.1%
16	15	14	3	UTStarcom	0.1%
17	14	16	3	Sharp	0.1%
18	20	-	2	Huawei	0.1%
19	18	15	1	HP	0.1%
20	19	-	1	Garmin-Asus	0.1%
21	21	17	1	Kyocera	0.0%

Out of a total 557 models used



The figures above are based on 557 available and used models\* offered across AT&T, Sprint, T-Mobile and Verizon in the DeviceAnywhere system.

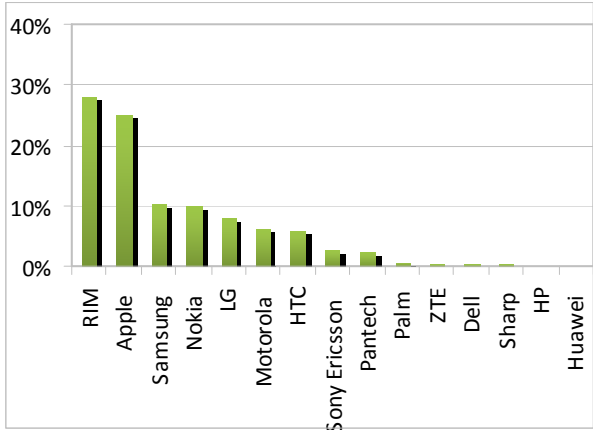
\*A model is defined as a unique manufacturer and model.

# Percentage of Time Spent on DeviceAnywhere Handsets - By Manufacturer and By Operator

## AT&T

Ranking			No. of Models	Manufacturer	% of Total Usage
Feb-11	Jan-11	Feb-10			
1	1	1	16	RIM	28.1%
2	2	6	4	Apple	25.0%
3	3	2	46	Samsung	10.2%
4	4	5	26	Nokia	9.9%
5	5	4	30	LG	8.1%
6	6	3	28	Motorola	6.3%
7	7	7	13	HTC	5.8%
8	8	8	15	Sony Ericsson	2.6%
9	9	9	13	Pantech	2.4%
10	10	10	3	Palm	0.7%
11	11	-	2	ZTE	0.3%
12	13	-	1	Dell	0.3%
13	12	-	1	Sharp	0.2%
14	14	11	1	HP	0.2%
15	-	-	1	Huawei	0.1%
16	15	12	1	UTStarcom	0.0%

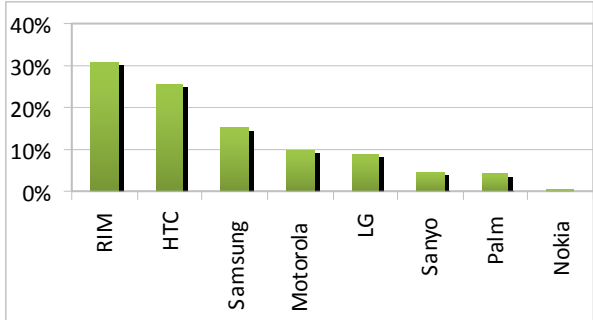
Out of a total 201 models used



## Sprint

Ranking			No. of Models	Manufacturer	% of Total Usage
Feb-11	Jan-11	Feb-10			
1	1	1	12	RIM	31.0%
2	2	6	9	HTC	25.5%
3	3	2	26	Samsung	15.1%
4	4	3	27	Motorola	10.1%
5	5	4	13	LG	8.8%
6	6	5	17	Sanyo	4.8%
7	7	7	6	Palm	4.4%
8	8	8	1	Nokia	0.3%

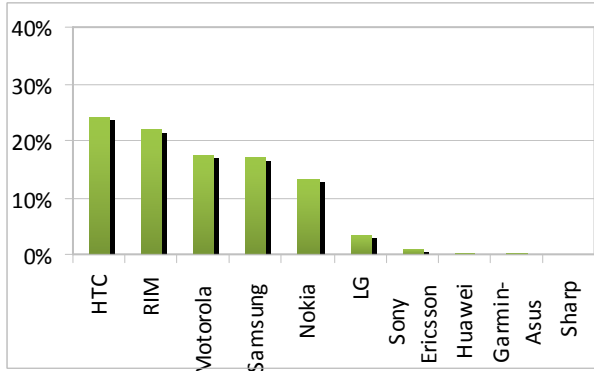
Out of a total 111 models used



## T-Mobile

Ranking			No. of Models	Manufacturer	% of Total Usage
Feb-11	Jan-11	Feb-10			
1	2	2	14	HTC	24.2%
2	1	1	13	RIM	22.0%
3	3	3	19	Motorola	17.4%
4	5	4	37	Samsung	17.3%
5	4	5	18	Nokia	13.4%
6	6	-	4	LG	3.5%
7	9	6	2	Sony Ericsson	1.1%
8	10	-	1	Huawei	0.5%
9	8	-	1	Garmin-Asus	0.4%
10	7	7	2	Sharp	0.1%

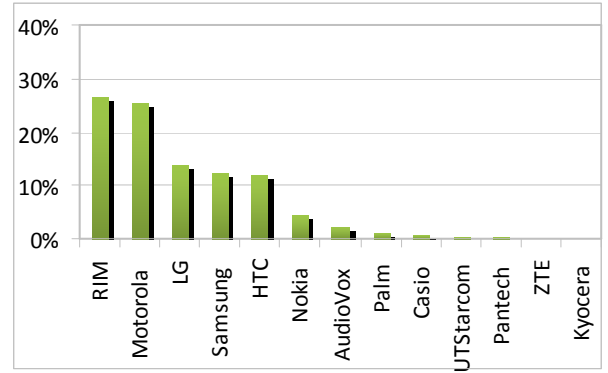
Out of a total 111 models used



## Verizon

Ranking			No. of Models	Manufacturer	% of Total Usage
Feb-11	Jan-11	Feb-10			
1	2	1	12	RIM	26.4%
2	1	3	31	Motorola	25.3%
3	3	2	40	LG	14.0%
4	4	4	36	Samsung	12.5%
5	5	6	8	HTC	11.9%
6	6	5	11	Nokia	4.5%
7	7	7	6	AudioVox	2.4%
8	8	10	5	Palm	1.3%
9	9	8	7	Casio	0.8%
10	11	9	2	UTStarcom	0.4%
11	10	11	4	Pantech	0.4%
12	12	-	1	ZTE	0.1%
13	13	12	1	Kyocera	0.0%

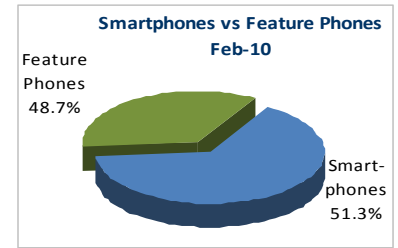
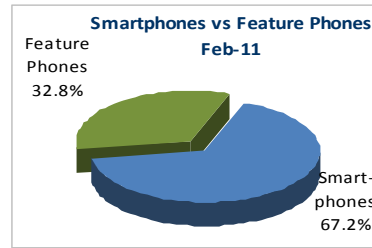
Out of a total 164 models used



# Percentage of Time Spent on Device Anywhere Handsets - Smartphones vs. Feature Phones

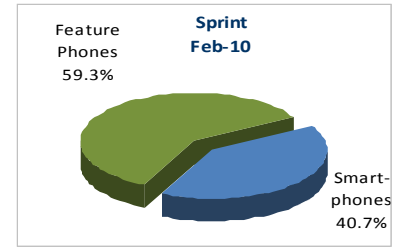
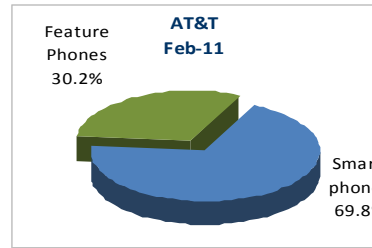
## Smartphones\* vs. Feature Phones

No. of Models	Type of Phones	% of Total Usage		
		Feb-11	Jan-11	Feb-10
174	Smartphones	67.2%	65.7%	51.3%
383	Feature Phones	32.8%	34.3%	48.7%



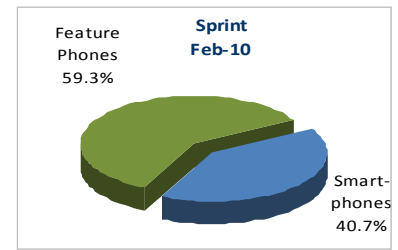
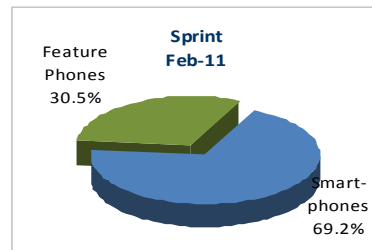
## AT&T

No. of Models	Type of Phones	% of Total Usage		
		Feb-11	Jan-11	Feb-10
68	Smartphones	69.8%	72.4%	59.4%
133	Feature Phones	30.2%	27.6%	40.6%



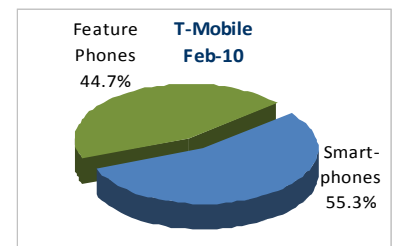
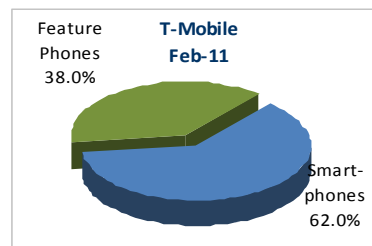
## Sprint

No. of Models	Type of Phones	% of Total Usage		
		Feb-11	Jan-11	Feb-10
40	Smartphones	69.5%	63.1%	40.7%
71	Feature Phones	30.5%	36.9%	59.3%



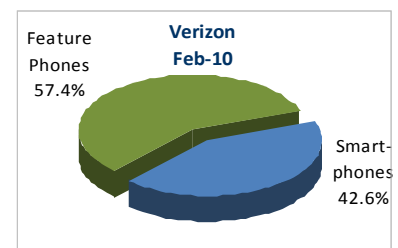
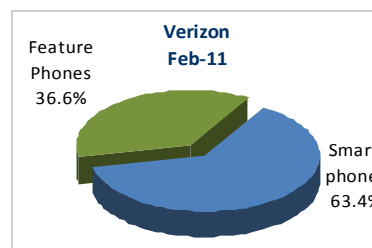
## T-Mobile

No. of Models	Phone Type	% of Total Usage		
		Feb-11	Jan-11	Feb-10
42	Smartphones	62.0%	57.4%	55.3%
69	Feature Phones	38.0%	42.6%	44.7%



## Verizon

No. of Models	Phone Type	% of Total Usage		
		Feb-11	Jan-11	Feb-10
46	Smartphones	63.4%	59.4%	42.6%
118	Feature Phones	36.6%	40.6%	57.4%

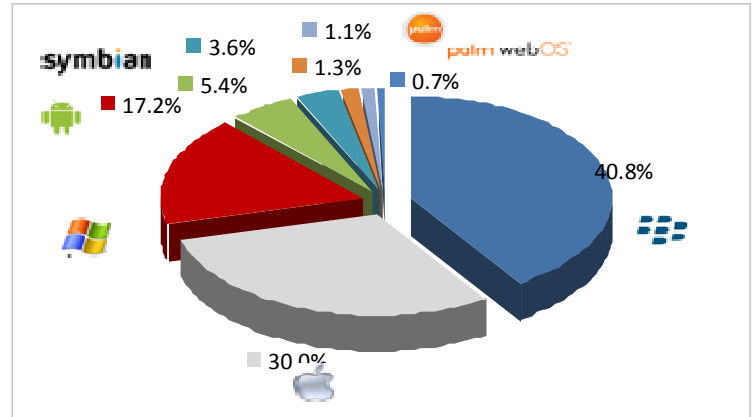


\* Smartphones are defined as having one of the following OS platforms: Android, BlackBerry, iPhone, Palm OS, WebOS, Symbian, Microsoft Windows Mobile and Windows Phone 7

# Percentage of Time Spent on Smartphone OS's Out of Total Smartphone Testing Time

## Overall Share of Usage by OS, Four US Operators

No. of Models	Operating System	% of Total Usage		
		Feb-11	Jan-11	Feb-10
37	BlackBerry OS	40.8%	45.0%	59.1%
60	Android	30.0%	26.9%	10.4%
4	iPhone OS	17.2%	16.2%	8.4%
48	Windows Mobile	5.4%	6.1%	14.9%
12	Symbian	3.6%	3.1%	4.2%
4	Windows Phone 7	1.3%	1.3%	-
4	Web OS	1.1%	0.8%	1.9%
5	Palm OS	0.7%	0.6%	1.0%



## AT&T

No. of Models	Operating System	% of Total Usage		
		Feb-11	Jan-11	Feb-10
16	BlackBerry OS	40.2%	46.7%	60.6%
4	iPhone OS	35.8%	32.5%	16.6%
14	Android	9.4%	6.9%	1.1%
10	Symbian	6.5%	5.2%	8.0%
19	Windows Mobile	5.7%	6.0%	13.3%
3	Windows Phone 7	1.7%	2.4%	-
2	Palm OS	0.6%	0.3%	0.5%

## Sprint

No. of Models	Operating System	% of Total Usage		
		Feb-11	Jan-11	Feb-10
12	BlackBerry OS	44.6%	43.9%	54.7%
12	Android	44.0%	43.3%	7.3%
12	Windows Mobile	5.4%	7.3%	20.8%
2	Web OS	4.7%	3.8%	13.2%
2	Palm OS	1.3%	1.6%	4.0%

## T-Mobile

No. of Models	Operating System	% of Total Usage		
		Feb-11	Jan-11	Feb-10
19	Android	51.4%	49.5%	44.9%
13	BlackBerry OS	35.5%	37.8%	46.5%
7	Windows Mobile	5.4%	6.8%	7.1%
2	Symbian	4.0%	5.1%	1.4%
1	Windows Phone 7	3.8%	0.9%	-

## Verizon

No. of Models	Operating System	% of Total Usage		
		Feb-11	Jan-11	Feb-10
17	Android	51.6%	48.1%	11.6%
12	BlackBerry OS	41.7%	45.3%	67.6%
12	Windows Mobile	4.7%	5.1%	20.0%
2	Web OS	1.4%	0.7%	-
3	Palm OS	0.6%	0.9%	0.7%

### Notes:

Not all operators offered handsets as of February 28, 2011 with all available Smartphone OS's. For example, iPhones were only offered on the AT&T network.

## About This Report

This monthly DeviceAnywhere Metrics report includes handset usage data from DeviceAnywhere Test Center, a paid service which provides access to over 2000 handsets deployed across seven countries and over two dozen carrier networks. More than 1500 customers, translating to over 15,000 active users utilize this service to test their mobile content and applications on live mobile handsets, over the internet. Over 350,000 handset testing hours were logged in DeviceAnywhere in 2010.

The data presented here is based solely on usage of handsets in the DeviceAnywhere Test Center system, offered by the four major US operators: AT&T, Sprint, T-Mobile, and Verizon. Because of the unique data available to DeviceAnywhere (time spent by our customers testing mobile applications and content on various handsets in our system), we believe this snapshot of handset usage can help inform on mobile trends related to handsets and application development.

### Limitations of the Data

This data is not necessarily representative of the popularity of various device models, or the number of applications developed for various handset models or platforms. Numbers may be impacted by the availability of certain device models within the DeviceAnywhere system.

The DeviceAnywhere Test Center service is not limited to testing of consumer applications; enterprise applications can also be tested through the service, and are therefore represented in the data. Some types of application testing may be limited in DeviceAnywhere; for instance, location-based application test cases which require the movement of handsets to simulate real-world activity cannot be performed using DeviceAnywhere handsets which are in static locations.

Other testing methods exist for mobile applications and content (e.g. purchasing and testing on your own physical handset rather than using the DeviceAnywhere service). As such, this data represents the subset of mobile application testing that was performed in the DeviceAnywhere system.

It is likely that the data reported here under-represents the popularity of iPhone or Android handsets, as the developer community for these platforms includes many individuals or smaller companies that may be more likely to test on their own consumer device than use the DeviceAnywhere service.

### Comments and Questions

If you have any comments or questions, or suggestions as to additional data or analyses you would like to see in this report, please contact us at [metrics@deviceanywhere.com](mailto:metrics@deviceanywhere.com).

### About DeviceAnywhere

DeviceAnywhere is an award-winning provider of solutions for mobile application testing, test automation, QoS monitoring, application certification and post-development sales and support. DeviceAnywhere Test Center™ is used by thousands of mobile application developers across the globe providing real-time interaction with real mobile handsets that are connected to live global networks, thus enabling mobile application developers to bring better content to market faster than ever before.

DeviceAnywhere's success has won the company numerous industry accolades including the prestigious Fierce 15, Frost & Sullivan's Mobility award and the GSMA award twice. DeviceAnywhere's customers span a wide breadth of market segments ranging from media and entertainment, mobile operators and handset manufacturers to finance and banking, healthcare, retail, supply chain, and travel – all companies with the common goal of taking their business into the mobile channel.

Founded in 2003, DeviceAnywhere is a privately held, venture backed company based in San Mateo, CA.

To learn more about DeviceAnywhere – and to sign up for a free, three-hour trial – please visit [www.deviceanywhere.com](http://www.deviceanywhere.com). Interested in our perspective on trends and issues in the mobile marketplace? Visit our CEO's blog ([www.mobileapplicationtestingtimes.wordpress.com](http://www.mobileapplicationtestingtimes.wordpress.com)) and follow us on Twitter (<http://twitter.com/devanywhere>).