



DeviceAnywhere Metrics

2011  
January



## Contents

Summary .....	3
20 Most Used DeviceAnywhere Handsets .....	4
20 Most Used DeviceAnywhere Handsets - By Operator .....	5
Percentage of Time Spent on DeviceAnywhere Handsets - By Manufacturer.....	6
Percentage of Time Spent on DeviceAnywhere Handsets - By Manufacturer and By Operator .....	7
Percentage of Time Spent on DeviceAnywhere Handsets - Smartphones vs. Feature Phones .....	9
Percentage of Time Spent on Smartphone OS's Out of Total Smartphone Testing Time .....	10
About This Report.....	11

## 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 January 2011 is compared to data from December 2010 and January 2010. For more information about the methodology and data used in this report, please see About This Report on page 11.

## Findings

Smartphones saw a small increase in a share of testing time in January:

- Smartphone usage as a % of total usage has increased to 65.7% of total usage in January 2011, up from 65.0% in December 2010, and well above its 49.3% in January one year earlier
- In January 2011 each of the 20 most used handsets were smartphones – Motorola V3 RAZR at 23<sup>rd</sup> was the most used feature phone. Eleven devices were BlackBerry OS, five Android OS and four iPhone OS

RIM market share of smartphone testing time decreased in January, but it still continues to maintain its lead as the manufacturer with the most tested on devices in DeviceAnywhere Test Center:

- RIM devices share of total smartphone testing time decreased to 45.0% in January 2011 from 47.5% in December 2010, and is well below its 58.6% in January 2010

Android OS continues to gain share of testing time:

- Android is the second most tested smartphone OS, garnering 26.9% of smartphone testing time in January 2011, compared to 25.2% December 2010. In January 2010, Android devices made up only 7.5% of total smartphone testing time
- Android OS devices are the most tested smartphone OS devices on the Verizon and T-Mobile networks, second most tested on Sprint, and third most tested on AT&T

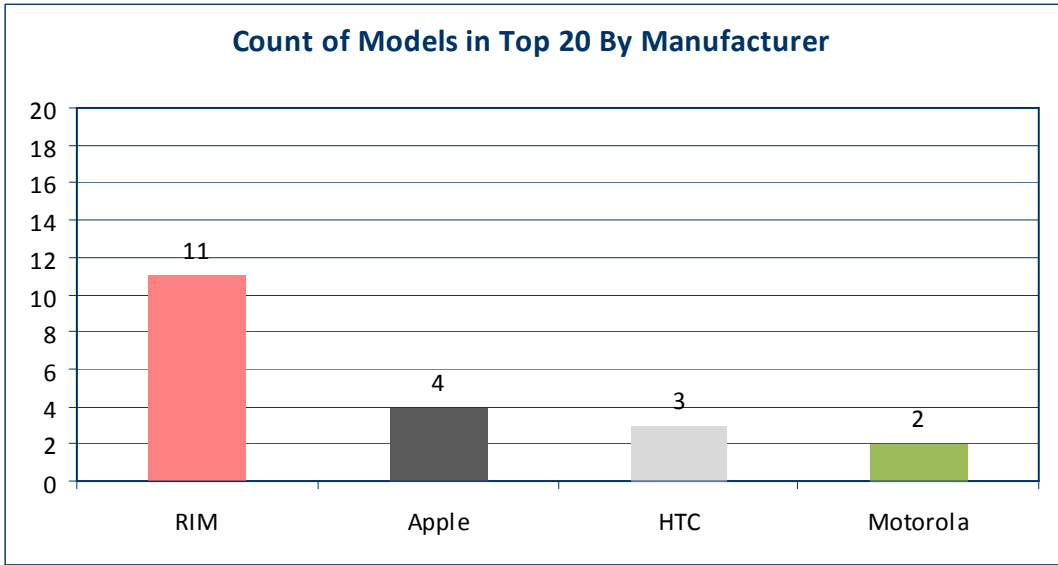
Other notable data points:

- The Windows Phone 7 OS share of total smartphone testing time increased to 1.3% in January 2011, up from 1.2% in December 2010
- Microsoft Windows Mobile continues to lose share of total smartphone testing time, at 6.1% in January 2011 compared to 6.8% in December 2010. Microsoft Windows Mobile share of total smartphone testing time in January 2010 was 16.2%
- The older iPhone models - Apple iPhone 3G and Apple iPhone - became the first and second most used devices on AT&T

## 20 Most Used DeviceAnywhere Handsets

Ranking			Device	Offered On			
Jan-11	Dec-10	Jan-10		AT&T	Sprint	T-Mobile	Verizon
1	4	2	Apple iPhone 3G	yes	-	-	-
2	1	4	BlackBerry 8330 (Curve)	-	yes	-	yes
3	6	9	Apple iPhone	yes	-	-	-
4	8	-	BlackBerry 9800 (Torch)	yes	-	-	-
5	2	1	BlackBerry 9000 (Bold)	yes	-	-	-
6	24	-	Apple iPhone 4	yes	-	-	-
7	7	16	Motorola Droid	-	-	-	yes
8	5	27	Apple iPhone 3G S	yes	-	-	-
9	9	12	BlackBerry 9700 (Bold)	yes	-	yes	-
10	3	-	HTC EVO 4G	-	yes	-	-
11	12	3	BlackBerry 8300 (Curve)	yes	-	yes	-
12	11	5	BlackBerry 9630 (Tour)	-	yes	-	yes
13	10	65	HTC Nexus One	yes	-	yes	-
14	16	6	BlackBerry 8900 (Curve)	yes	-	yes	-
15	14	14	BlackBerry 8830	-	yes	-	yes
16	13	8	BlackBerry 8310 (Curve)	yes	-	-	-
17	22	-	Motorola MB810 (Droid X)	-	-	-	yes
18	15	17	BlackBerry 8530 (Curve)	-	yes	-	yes
19	17	34	HTC Hero	-	yes	-	-
20	21	11	BlackBerry 8800	yes	-	yes	-

Out of a total 590 models used



The figures above are based on 590 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 DeviceAnywhere Handsets - By Operator

### AT&T

Ranking			Device
Jan-11	Dec-10	Jan-10	
1	2	2	Apple iPhone 3G
2	4	5	Apple iPhone
3	5	-	BlackBerry 9800 (Torch)
4	1	1	BlackBerry 9000 (Bold)
5	10	-	Apple iPhone 4
6	3	12	Apple iPhone 3G S
7	6	7	BlackBerry 9700 (Bold)
8	8	3	BlackBerry 8300 (Curve)
9	7	4	BlackBerry 8310 (Curve)
10	9	6	BlackBerry 8900 (Curve)
11	11	11	BlackBerry 8800
12	15	31	HTC Nexus One
13	18	15	LG CU720 (Shine)
14	19	9	Nokia E71x
15	20	10	BlackBerry 8100 (Pearl)
16	12	21	BlackBerry 8110 (Pearl)
17	41	-	HTC Aria
18	16	32	BlackBerry 8520 (Curve)
19	22	16	BlackBerry 8820
20	17	-	Samsung SGH-i917 (Focus)

Out of a total 205 models used

### Sprint

Ranking			Device
Jan-11	Dec-10	Jan-10	
1	1	-	HTC EVO 4G
2	2	1	BlackBerry 8330 (Curve)
3	3	6	HTC Hero
4	6	4	BlackBerry 9630 (Tour)
5	4	11	BlackBerry 8530 (Curve)
6	5	-	BlackBerry 9650 (Bold)
7	8	12	BlackBerry 8350i (Curve)
8	7	2	Palm Pre
9	31	-	LG LS670 (Optimus)
10	11	-	Samsung SPH-D700 (Epic 4G)
11	9	3	Samsung SPH-M800 (Instinct)
12	36	-	Samsung SPH-M350 (Seek)
13	33	10	Samsung SPH-M540 (Rant)
14	22	-	BlackBerry 9330
15	95	-	Sanyo SCP-8600 (Zio)
16	12	27	BlackBerry 8830
17	14	-	BlackBerry 9670 (Style)
18	13	61	Samsung SPH-M900 (Moment)
19	15	5	Motorola V3m (RAZR)
20	10	7	BlackBerry 8130 (Pearl)

Out of a total 132 models used

### T-Mobile

Ranking			Device
Jan-11	Dec-10	Jan-10	
1	3	1	HTC G1
2	1	-	HTC Nexus One
3	5	2	Motorola V3 (RAZR)
4	2	5	HTC myTouch 3G
5	11	8	Motorola V3T (RAZR)
6	10	-	BlackBerry 9300 (Curve 3G)
7	9	3	BlackBerry 8320 (Curve)
8	8	-	BlackBerry 8300 (Curve)
9	4	10	BlackBerry 8900 (Curve)
10	7	-	HTC HD2
11	25	29	Nokia 6030
12	59	66	Nokia 1680
13	-	-	BlackBerry 9780 Bold
14	16	9	BlackBerry 8100 (Pearl)
15	100	-	Samsung GT-i9020T (Nexus S)
16	36	-	Samsung SGH-T939 (Behold II)
17	28	-	Motorola CLIQ XT
18	64	-	Nokia 3711
19	-	-	Samsung SGH-T849 (Galaxy Tab)
20	15	11	Motorola MB200 (Clq)

Out of a total 121 models used

### Verizon

Ranking			Device
Jan-11	Dec-10	Jan-10	
1	1	5	Motorola Droid
2	2	2	BlackBerry 8330 (Curve)
3	6	-	Motorola MB810 (Droid X)
4	3	4	BlackBerry 8830
5	4	-	Motorola Droid 2
6	8	39	HTC Droid Eris
7	7	-	HTC Incredible
8	5	1	BlackBerry 9630 (Tour)
9	9	3	BlackBerry 9530 (Storm)
10	10	22	BlackBerry 9550 (Storm 2)
11	11	10	BlackBerry 8530 (Curve)
12	161	-	BlackBerry 9650 (Bold)
13	16	18	LG VX11000 (enV Touch)
14	13	-	BlackBerry 9330 (Curve 3G)
15	26	27	LG VX8575 (Chocolate Touch)
16	24	6	LG VX9700 (Dare)
17	44	33	LG VX9200 (enV3)
18	17	20	Motorola V3m (RAZR)
19	12	25	Samsung SCH-U960 (Rogue)
20	31	12	Motorola V3c (RAZR)

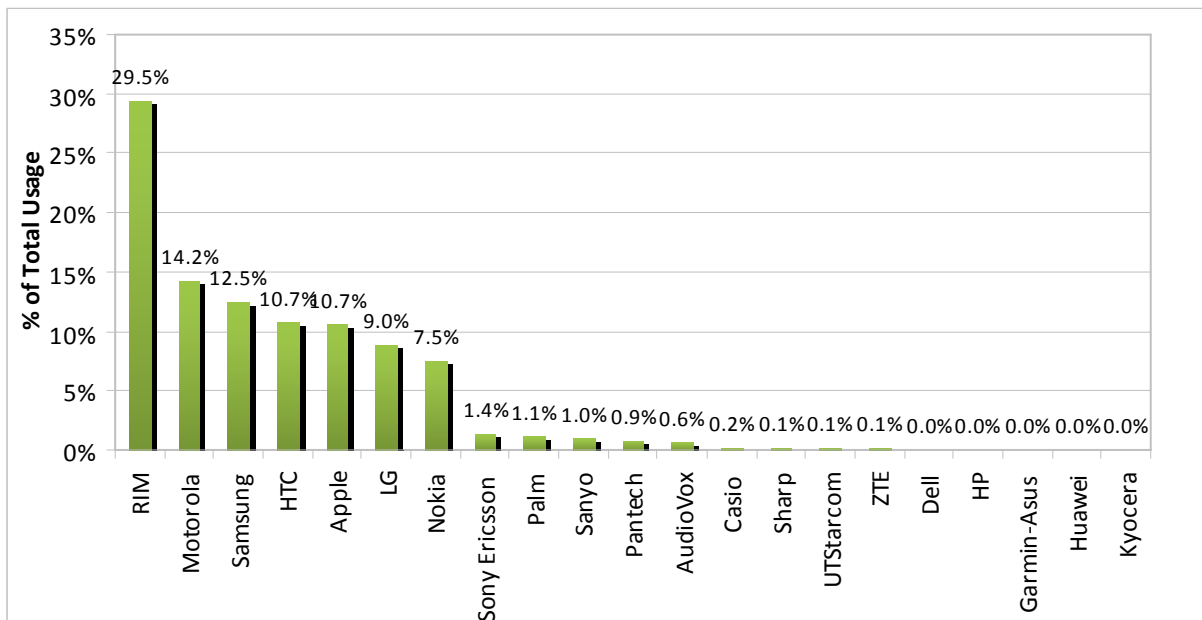
Out of a total 170 models used

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 628.

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

Ranking			No. of Models	Manufacturer	% of Total Usage
Jan-11	Dec-10	Jan-10			
1	1	1	40	RIM	29.5%
2	2	2	99	Motorola	14.2%
3	3	3	155	Samsung	12.5%
4	4	6	43	HTC	10.7%
5	5	7	4	Apple	10.7%
6	6	4	83	LG	9.0%
7	7	5	57	Nokia	7.5%
8	8	8	18	Sony Ericsson	1.4%
9	9	9	13	Palm	1.1%
10	11	10	25	Sanyo	1.0%
11	10	11	21	Pantech	0.9%
12	12	12	6	AudioVox	0.6%
13	13	14	7	Casio	0.2%
14	19	16	6	Sharp	0.1%
15	14	13	4	UTStarcom	0.1%
16	15	-	3	ZTE	0.1%
17	18	-	2	Dell	0.0%
18	16	15	1	HP	0.0%
19	20	-	1	Garmin-Asus	0.0%
20	17	-	1	Huawei	0.0%
21	21	17	1	Kyocera	0.0%

Out of a total 590 models used



The figures above are based on 590 available and used models\* offered across AT&T, Sprint, T-Mobile and Verizon in the DeviceAnywhere system.

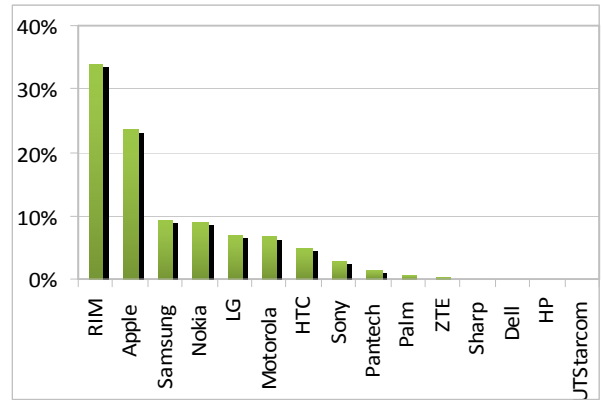
\*A model is defined as a unique manufacturer and model.

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

## AT&T

Ranking	Ranking			No. of Models	Manufacturer	% of Total Usage
	Jan-11	Dec-10	Jan-10			
1	1	1	17	RIM	33.8%	
2	2	5	4	Apple	23.5%	
3	4	2	48	Samsung	9.2%	
4	3	4	27	Nokia	9.2%	
5	6	6	29	LG	6.9%	
6	5	3	27	Motorola	6.7%	
7	7	8	12	HTC	4.9%	
8	8	7	16	Sony Ericsson	2.9%	
9	9	9	15	Pantech	1.5%	
10	10	10	3	Palm	0.6%	
11	11	-	2	ZTE	0.2%	
12	15	-	1	Sharp	0.1%	
13	13	-	2	Dell	0.1%	
14	12	11	1	HP	0.1%	
15	14	12	1	UTStarcom	0.1%	

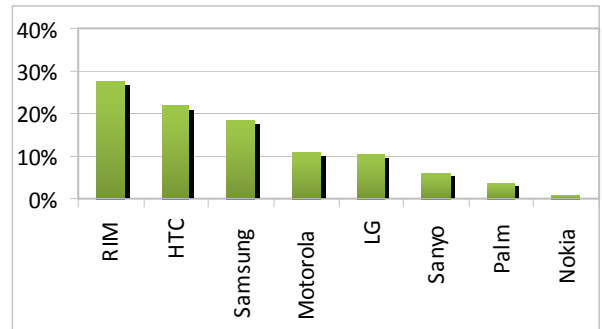
Out of a total 205 models used



## Sprint

Ranking	Ranking			No. of Models	Manufacturer	% of Total Usage
	Jan-11	Dec-10	Jan-10			
1	1	1	13	RIM	27.7%	
2	2	6	9	HTC	21.8%	
3	3	2	32	Samsung	18.6%	
4	4	3	29	Motorola	10.8%	
5	5	4	13	LG	10.2%	
6	7	5	25	Sanyo	6.1%	
7	6	7	10	Palm	3.7%	
8	8	8	1	Nokia	0.9%	

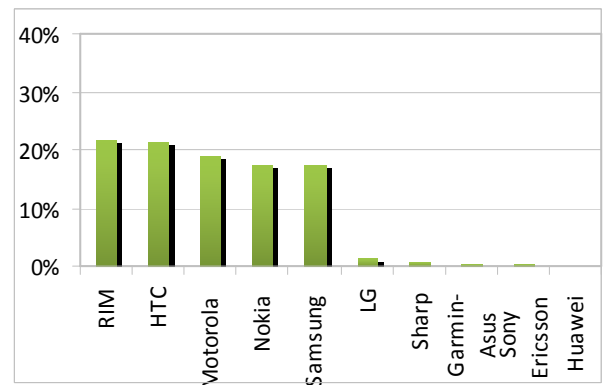
Out of a total 132 models used



## T-Mobile

Ranking	Ranking			No. of Models	Manufacturer	% of Total Usage
	Jan-11	Dec-10	Jan-10			
1	2	1	14	RIM	21.7%	
2	1	4	14	HTC	21.4%	
3	5	3	20	Motorola	18.8%	
4	3	5	21	Nokia	17.7%	
5	4	2	40	Samsung	17.4%	
6	6	-	3	LG	1.5%	
7	10	7	5	Sharp	0.8%	
8	9	-	1	Garmin-Asus	0.3%	
9	7	6	2	Sony Ericsson	0.3%	
10	8	-	1	Huawei	0.1%	

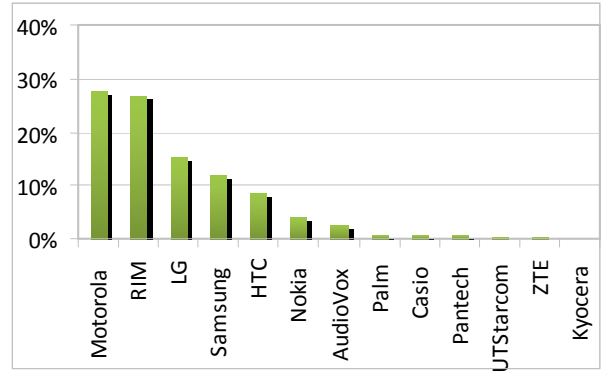
Out of a total 121 models used



## Verizon

Ranking			No. of Models	Manufacturer	% of Total Usage
Jan-11	Dec-10	Jan-10			
1	2	3	30	Motorola	27.6%
2	1	1	12	RIM	26.9%
3	3	2	38	LG	15.4%
4	4	4	39	Samsung	12.0%
5	5	5	10	HTC	8.6%
6	6	6	11	Nokia	4.1%
7	7	7	6	AudioVox	2.5%
8	9	9	6	Palm	0.9%
9	8	8	7	Casio	0.9%
10	11	11	6	Pantech	0.6%
11	10	10	3	UTStarcom	0.4%
12	12	-	1	ZTE	0.2%
13	13	12	1	Kyocera	0.0%

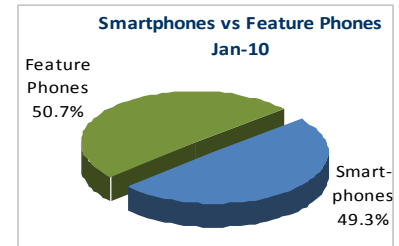
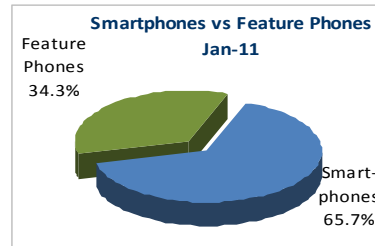
Out of a total 170 models used



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

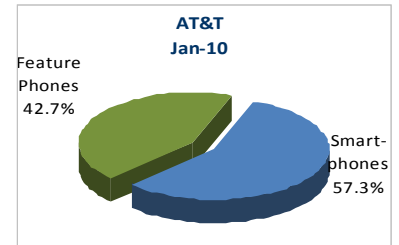
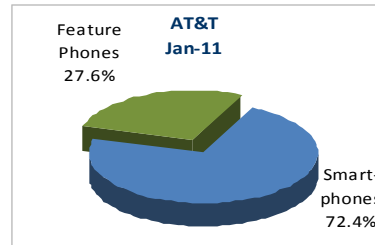
## Smartphones\* vs. Feature Phones

No. of Models	Type of Phones	% of Total Usage		
		Jan-11	Dec-10	Jan-10
174	Smartphones	65.7%	65.0%	49.3%
416	Feature Phones	34.3%	35.0%	50.7%



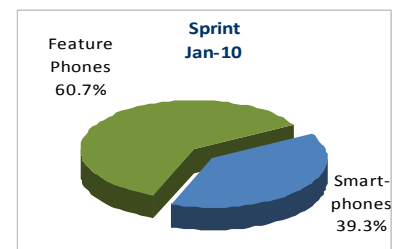
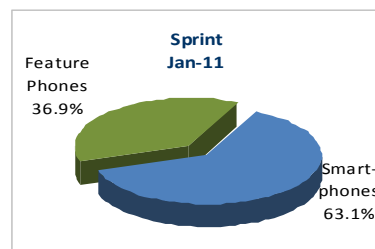
## AT&T

No. of Models	Type of Phones	% of Total Usage		
		Jan-11	Dec-10	Jan-10
67	Smartphones	72.4%	69.9%	57.3%
138	Feature Phones	27.6%	30.1%	42.7%



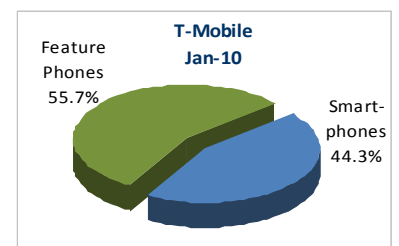
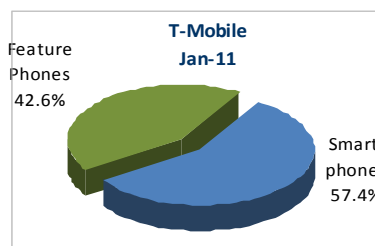
## Sprint

No. of Models	Type of Phones	% of Total Usage		
		Jan-11	Dec-10	Jan-10
47	Smartphones	63.1%	68.9%	39.3%
85	Feature Phones	36.9%	31.1%	60.7%



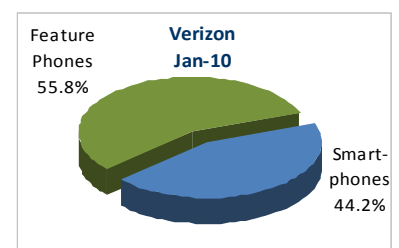
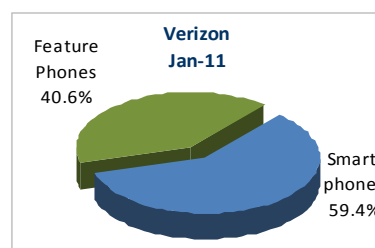
## T-Mobile

No. of Models	Phone Type	% of Total Usage		
		Jan-11	Dec-10	Jan-10
43	Smartphones	57.4%	60.4%	44.3%
78	Feature Phones	42.6%	39.6%	55.7%



## Verizon

No. of Models	Phone Type	% of Total Usage		
		Jan-11	Dec-10	Jan-10
46	Smartphones	59.4%	56.1%	44.2%
124	Feature Phones	40.6%	43.9%	55.8%

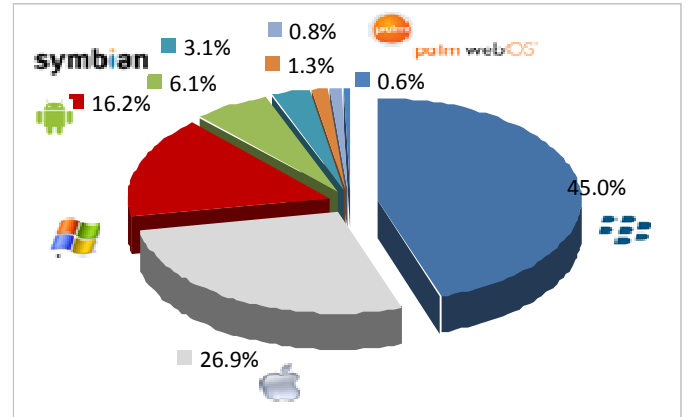


\* Smartphones are defined as having one of the following OS platforms: Android, BlackBerry, iPhone, Palm OS or WebOS, Symbian, Microsoft Windows Mobile and Windows Phone 7

# 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		
		Jan-11	Dec-10	Jan-10
40	BlackBerry OS	45.0%	47.5%	58.6%
47	Android	26.9%	25.2%	7.5%
4	iPhone OS	16.2%	13.5%	10.0%
56	Windows Mobile	6.1%	6.8%	16.2%
14	Symbian	3.1%	4.1%	4.9%
4	Windows Phone 7	1.3%	1.2%	-
4	Web OS	0.8%	1.1%	1.5%
5	Palm OS	0.6%	0.6%	1.3%



## AT&T

No. of Models	Operating System	% of Total Usage		
		Jan-11	Dec-10	Jan-10
17	BlackBerry OS	46.7%	50.0%	55.8%
4	iPhone OS	32.5%	28.1%	18.8%
12	Android	6.9%	5.7%	1.4%
19	Windows Mobile	6.0%	6.0%	14.7%
10	Symbian	5.2%	7.2%	8.9%
3	Windows Phone 7	2.4%	2.5%	-
2	Palm OS	0.3%	0.3%	0.5%
-	Web OS	0.0%	0.1%	-

## Sprint

No. of Models	Operating System	% of Total Usage		
		Jan-11	Dec-10	Jan-10
13	BlackBerry OS	43.9%	44.6%	55.5%
12	Android	43.3%	42.0%	8.8%
15	Windows Mobile	7.3%	7.5%	21.2%
2	Web OS	3.8%	4.0%	10.7%
5	Palm OS	1.6%	1.9%	3.8%

## T-Mobile

No. of Models	Operating System	% of Total Usage		
		Jan-11	Dec-10	Jan-10
16	Android	49.5%	43.6%	30.0%
14	BlackBerry OS	37.8%	41.0%	56.6%
8	Windows Mobile	6.8%	9.3%	11.5%
4	Symbian	5.1%	6.0%	1.9%
1	Windows Phone 7	0.9%	-	-

## Verizon

No. of Models	Operating System	% of Total Usage		
		Jan-11	Dec-10	Jan-10
11	Android	48.1%	43.8%	10.8%
12	BlackBerry OS	45.3%	47.9%	68.3%
17	Windows Mobile	5.1%	6.4%	19.0%
4	Palm OS	0.9%	0.5%	2.0%
2	Web OS	0.7%	1.4%	-

## Notes:

Not all operators offered handsets as of January 31, 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>).