

# DeviceAnywhere Metrics

2010  
May



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## Summary

This monthly report contains handset usage stats 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 addition, data from May 2010 is compared to data from April 2010 and May 2009. For more information about the methodology and data used in this report, please see About This Report on page 11.

## Findings

RIM, while still the manufacturer with the most usage on its handsets in DeviceAnywhere Test Center in May, continues to lose share as other manufacturers gain share:

- Only 10 BlackBerry's were on May's top 20 most used handsets list, compared to 14 in January, and 11 last month.
- The BlackBerry 9000 (Bold), which has been the most-used handset since we began producing this report in December 2009, was bumped to #2 in May, replaced by the iPhone 3G
- The gap between RIM and the manufacturer with the second most usage shrank to just under 10%, from over 13% in January
- RIM remained the manufacturer with the most-used handsets on the AT&T network, but moved to #2 on the Verizon network, supplanted by LG in May.

Across all handsets, the % of usage on smartphones vs. feature phones increased slightly in May; however, some operators saw a decrease:

- In May 2010, 53.8% of DeviceAnywhere usage was on smartphones, compared to 53.5% in April.
- While AT&T and T-Mobile both saw an increase in the % of testing on smartphones, both Sprint and Verizon saw a decrease.
- Smartphones on the AT&T and T-Mobile network accounted for over 50% of total testing time, while smartphones on Sprint and Verizon accounted for only 38.8% and 41.1% of total testing time respectively.

iPhone and Android OS's share of total smartphone testing increased in May:

- iPhone was the second-most used smartphone OS in May, at 16.8% of total smartphone testing, compared to 14.3% in April
- Android continued to gain share at 15.2% of smartphone testing time in May, compared to 13.7% in April. Android was the fourth-most tested-on platform in May, just under MS Mobile.

Other notable data points:

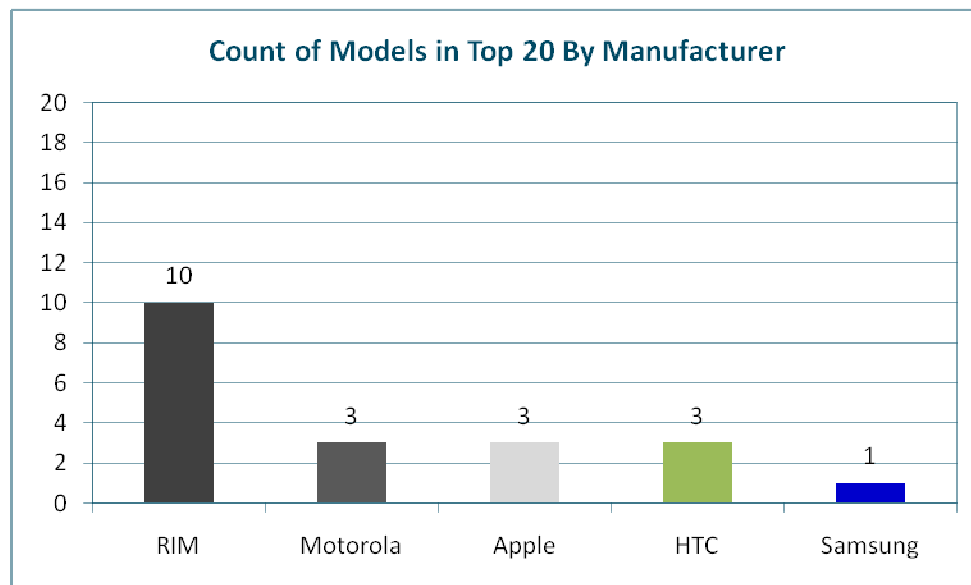
- Three HTC Android devices held the top spots on T-Mobile in May, with the HTC G1 the most-used device, the HTC myTouch3G the second-most used device, and the HTC NexusOne the third.
- The Motorola V3 RAZR continues to rank in the top 20 for each operator (may be different models).
- The HP iPAQ Glisten made AT&T's 20 most-used handset list, ranked #9.

## 20 Most Used DeviceAnywhere Handsets

Ranking	Ranking		Device	Offered On			
	May-10	Apr-10		May-09	AT&T	Sprint	T-Mobile
1	2	5	Apple iPhone 3G	Yes	-	-	-
2	1	3	BlackBerry 9000 (Bold)	Yes	-	-	-
3	4	33	Apple iPhone	Yes	-	-	-
4	3	4	BlackBerry 8330 (Curve)	-	Yes	-	Yes
5	16	-	BlackBerry 9700 (Bold)	Yes	-	-	-
6	5	8	BlackBerry 8310 (Curve)	Yes	-	-	-
7	14	-	Motorola Droid	-	-	-	Yes
8	7	-	Apple iPhone 3G S	Yes	-	-	-
9	6	2	BlackBerry 8300 (Curve)	Yes	-	-	-
10	12	1	Motorola V3 (RAZR)	Yes	-	Yes	-
11	10	-	HTC Nexus One	Yes <sup>1</sup>	-	Yes	-
12	19	10	Motorola V3m (RAZR)	-	Yes	-	Yes
13	11	-	BlackBerry 9630 (Tour)	-	Yes	-	Yes
14	15	9	BlackBerry 8830	-	Yes	-	Yes
15	8	6	Samsung SPH-M800 (Instinct)	-	Yes	-	-
16	9	12	BlackBerry 8800	Yes	-	Yes	-
17	17	11	HTC G1	-	-	Yes	-
18	20	7	BlackBerry 8100 (Pearl)	Yes	-	Yes	-
19	42	-	HTC myTouch 3G	-	-	Yes	-
20	13	89	BlackBerry 8900 (Curve)	Yes	-	Yes	-

Out of a total **510** models used

<sup>1</sup> The AT&T HTC Nexus One is an unlocked device.



The figures above are based on 510 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

May-10	Ranking		Device
	Apr-10	May-09	
1	2	3	Apple iPhone 3G
2	1	1	BlackBerry 9000 (Bold)
3	3	19	Apple iPhone
4	7	-	BlackBerry 9700 (Bold)
5	4	4	BlackBerry 8310 (Curve)
6	6	-	Apple iPhone 3G S
7	5	2	BlackBerry 8300 (Curve)
8	10	5	Motorola V3 (RAZR)
9	29	-	HP iPAQ Glisten
10	16	13	Samsung SGH-A737
11	20	-	HTC Nexus One
12	13	6	BlackBerry 8100 (Pearl)
13	9	14	BlackBerry 8800
14	11	26	Nokia E71x
15	34	11	Nokia N75
16	8	87	BlackBerry 8900 (Curve)
17	21	9	Samsung SGH-i617 (Blackjack II)
18	18	30	LG CU920
19	15	136	Samsung SGH-i637
20	14	-	BlackBerry 8520 (Curve)

Out of a total 171 models used

### Sprint

May-10	Ranking		Device
	Apr-10	May-09	
1	1	1	Samsung SPH-M800 (Instinct)
2	2	2	BlackBerry 8330 (Curve)
3	3	-	HTC Hero
4	4	3	Motorola V3m (RAZR)
5	5	7	LG LX260 (Rumor)
6	20	37	Samsung Instinct Mini
7	6	-	Palm Pre
8	12	14	BlackBerry 8350i (Curve)
9	7	-	BlackBerry 9630 (Tour)
10	18	5	Samsung SPH-A900
11	10	12	BlackBerry 8130 (Pearl)
12	31	-	LG LX265 (Rumor 2)
13	8	11	Motorola V9m (RAZR2)
14	14	26	Samsung SPH-M540 (Rant)
15	43	-	Samsung SPH-M550 (Exclaim)
16	13	4	BlackBerry 8830
17	11	-	HTC Touch Pro2
18	15	-	BlackBerry 8800
19	24	-	Samsung SPH-M900 (Moment)
20	23	-	BlackBerry 8330m (Curve)

Out of a total 119 models used

### T-Mobile

May-10	Ranking		Device
	Apr-10	May-09	
1	2	1	HTC G1
2	5	-	HTC myTouch 3G
3	1	-	HTC Nexus One
4	4	6	BlackBerry 8320 (Curve)
5	3	2	Motorola V3 (RAZR)
6	12	-	Motorola CLIQ
7	93	-	HTC HD2
8	10	11	BlackBerry 8900 (Curve)
9	8	-	BlackBerry 9700 (Onyx)
10	9	10	BlackBerry 8100 (Pearl)
11	6	5	Motorola V3T (RAZR)
12	7	-	BlackBerry 8520 (Curve)
13	26	-	Samsung SGH-T469
14	11	-	Motorola CLIQ XT
15	13	-	HTC S522 (DASH 3G)
16	19	16	Nokia 5310 (XpressMusic)
17	14	7	BlackBerry 8800
18	18	13	BlackBerry 8220 (Pearl Flip)
19	16	19	Samsung SGH-T919
20	30	20	BlackBerry 8820

Out of a total 96 models used

### Verizon

May-10	Ranking		Device
	Apr-10	May-09	
1	1	-	Motorola Droid
2	2	1	BlackBerry 8330 (Curve)
3	4	3	BlackBerry 8830
4	3	-	BlackBerry 9630 (Tour)
5	7	-	BlackBerry 9550 (Storm)
6	10	2	LG VX10000 (Voyager)
7	6	-	Motorola Devour
8	5	6	BlackBerry 9530 (Storm)
9	16	-	LG VX9200
10	8	12	LG VX9100
11	36	5	Motorola V3m (RAZR)
12	9	-	Samsung SCH-U960
13	15	9	BlackBerry 9500
14	126	-	BlackBerry 8530 (Curve)
15	11	4	Motorola V3c (RAZR)
16	17	8	Motorola K1m (KRZR)
17	14	13	LG VX9900 (enV)
18	28	-	LG VX8575
19	20	16	Nokia 6015i
20	-	-	HTC Incredible

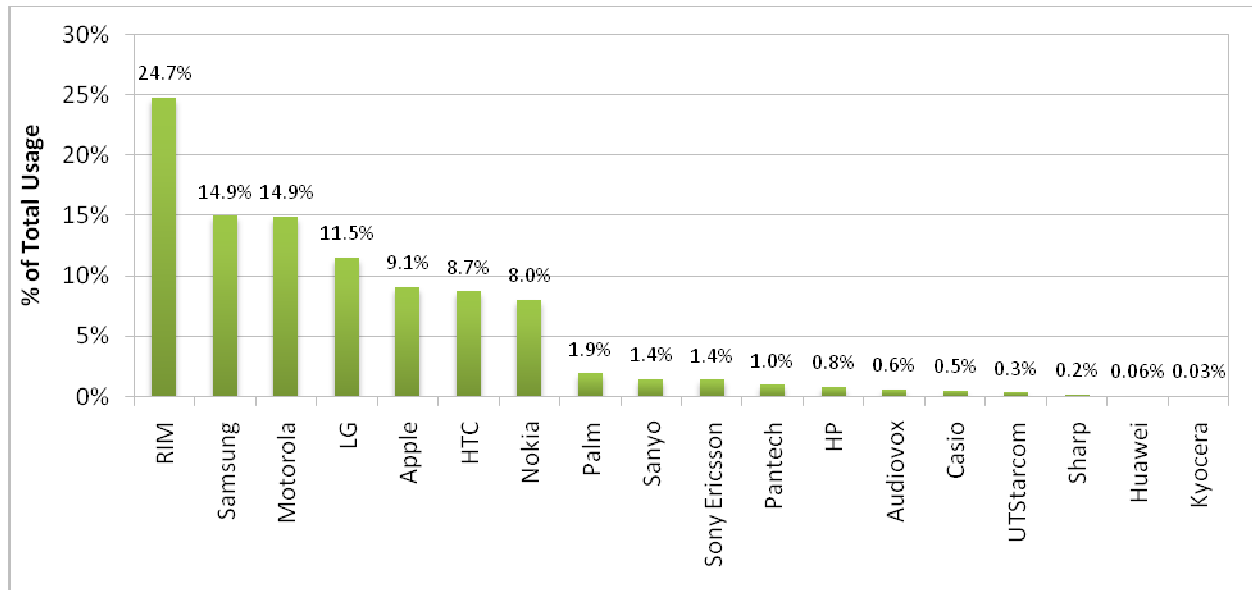
Out of a total 162 models used

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 548.

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

	Ranking			No. of Models	Manufacturer	% of Total Usage
	May-10	Apr-10	May-09			
1	1	1	35	RIM	24.7%	
2	3	2	138	Samsung	14.9%	
3	2	3	87	Motorola	14.9%	
4	4	4	71	LG	11.5%	
5	7	8	3	Apple	9.1%	
6	5	6	30	HTC	8.7%	
7	6	5	54	Nokia	8.0%	
8	8	9	12	Palm	1.9%	
9	9	7	22	Sanyo	1.4%	
10	10	10	16	Sony Ericsson	1.4%	
11	11	11	17	Pantech	1.0%	
12	14	16	1	HP	0.8%	
13	12	12	7	Audiovox	0.6%	
14	13	15	5	Casio	0.5%	
15	15	14	5	UTStarcom	0.3%	
16	16	13	5	Sharp	0.2%	
17	18	-	1	Huawei	0.06%	
18	17	17	1	Kyocera	0.03%	

Out of a total 510 models used



The figures above are based on 510 available and used models\* offered across AT&T, Sprint, T-Mobile and Verizon in the DeviceAnywhere system.

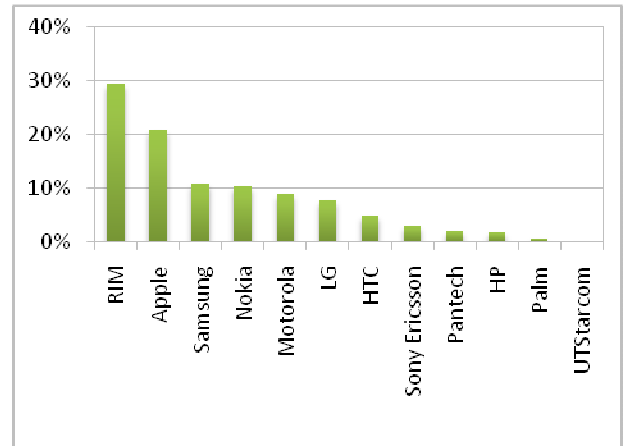
\*A model is defined as a unique manufacturer and model.

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

## AT&T

Ranking	Ranking			No. of Models	Manufacturer	% of Total Usage
	May-10	Apr-10	May-09			
1	1	1	14	RIM	29.4%	
2	2	6	3	Apple	20.8%	
3	3	2	41	Samsung	10.7%	
4	5	5	27	Nokia	10.3%	
5	6	3	24	Motorola	8.8%	
6	4	4	22	LG	7.8%	
7	7	8	9	HTC	4.7%	
8	8	7	14	Sony Ericsson	3.0%	
9	9	9	12	Pantech	2.0%	
10	10	12	1	HP	1.8%	
11	11	9	3	Palm	0.6%	
12	12	11	1	UTStarcom	0.2%	

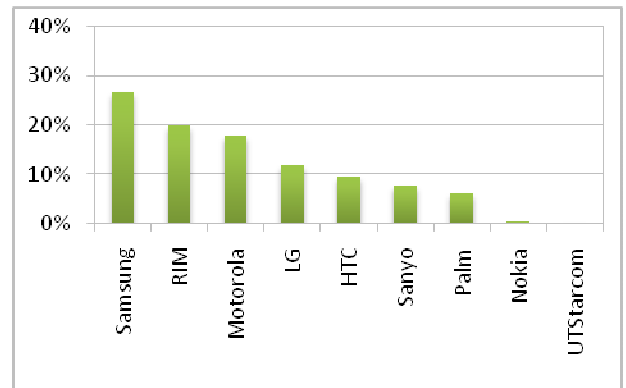
Out of a total 171 models used



## Sprint

Ranking	Ranking			No. of Models	Manufacturer	% of Total Usage
	May-10	Apr-10	May-09			
1	1	1	27	Samsung	26.6%	
2	2	3	13	RIM	19.9%	
3	3	2	28	Motorola	17.7%	
4	4	5	11	LG	11.8%	
5	5	6	7	HTC	9.5%	
6	6	4	22	Sanyo	7.7%	
7	7	7	9	Palm	6.0%	
8	8	8	1	Nokia	0.5%	
9	9	9	1	UTStarcom	0.1%	

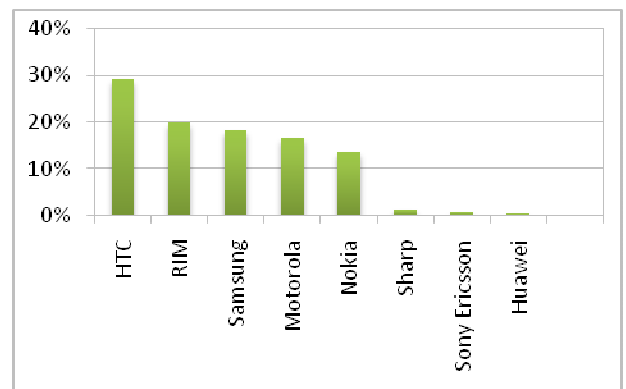
Out of a total 119 models used



## T-Mobile

Ranking	Ranking			No. of Models	Manufacturer	% of Total Usage
	May-10	Apr-10	May-09			
1	1	5	11	HTC	29.2%	
2	2	4	10	RIM	19.9%	
3	5	1	34	Samsung	18.2%	
4	3	2	15	Motorola	16.5%	
5	4	3	18	Nokia	13.5%	
6	7	6	5	Sharp	1.3%	
7	6	7	2	Sony Ericsson	0.9%	
8	8	-	1	Huawei	0.5%	

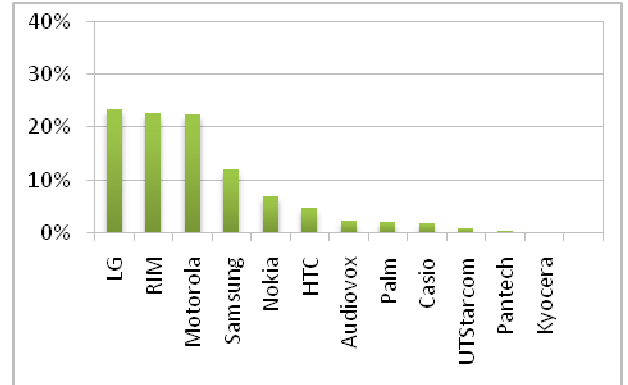
Out of a total 96 models used



## Verizon

	Ranking			No. of Models	Manufacturer	% of Total Usage
	May-10	Apr-10	May-09			
1	2	1	38	LG	23.4%	
2	1	3	12	RIM	22.6%	
3	3	2	27	Motorola	22.4%	
4	4	4	37	Samsung	11.9%	
5	5	5	12	Nokia	6.9%	
6	6	6	8	HTC	4.8%	
7	7	7	7	Audiovox	2.3%	
8	8	8	7	Palm	2.1%	
9	9	10	5	Casio	1.9%	
10	10	9	3	UTStarcom	0.9%	
11	11	11	5	Pantech	0.5%	
12	12	12	1	Kyocera	0.1%	

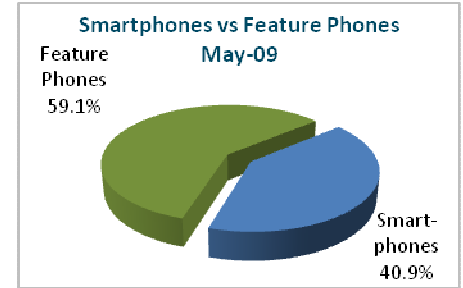
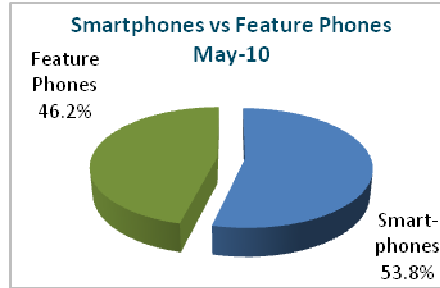
Out of a total 162 models used



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

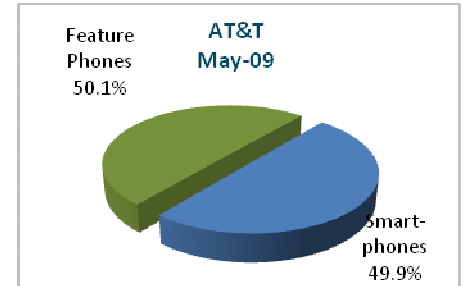
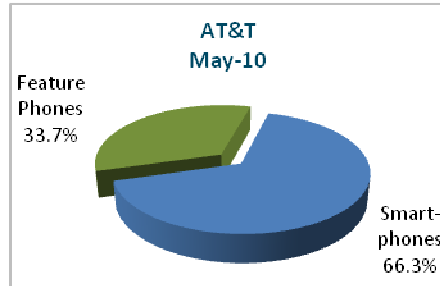
## Smartphones\* vs. Feature Phones

No. of Models	Type of Phones	% of Total Usage		
		May-10	Apr-10	May-09
119	Smartphones	53.8%	53.5%	40.9%
391	Feature Phones	46.2%	46.5%	59.1%



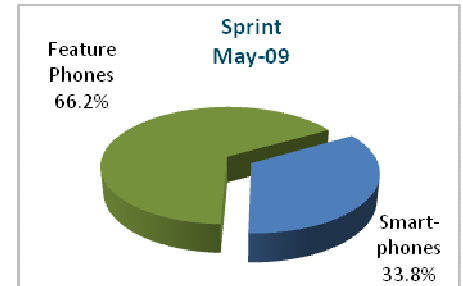
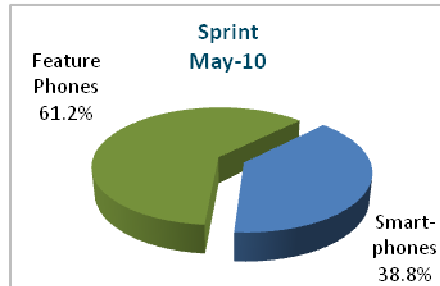
## AT&T

No. of Models	Type of Phones	% of Total Usage		
		May-10	Apr-10	May-09
46	Smartphones	66.3%	64.3%	49.9%
125	Feature Phones	33.7%	35.7%	50.1%



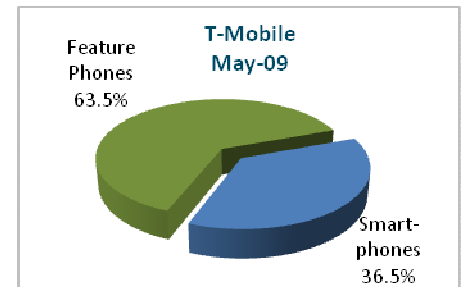
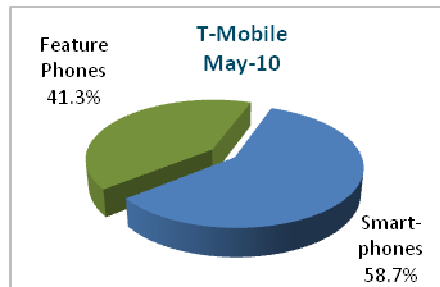
## Sprint

No. of Models	Type of Phones	% of Total Usage		
		May-10	Apr-10	May-09
36	Smartphones	38.8%	42.4%	33.8%
83	Feature Phones	61.2%	57.6%	66.2%



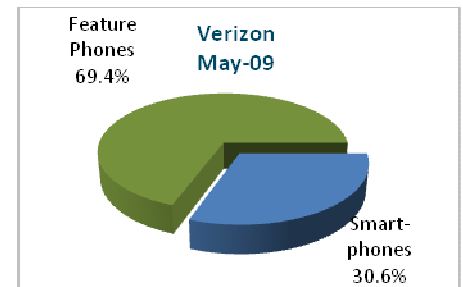
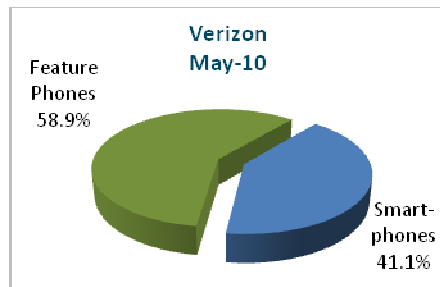
## T-Mobile

No. of Models	Phone Type	% of Total Usage		
		May-10	Apr-10	May-09
29	Smartphones	58.7%	53.1%	36.5%
67	Feature Phones	41.3%	46.9%	63.5%



## Verizon

No. of Models	Phone Type	% of Total Usage		
		May-10	Apr-10	May-09
36	Smartphones	41.1%	42.9%	30.6%
126	Feature Phones	58.9%	57.1%	69.4%

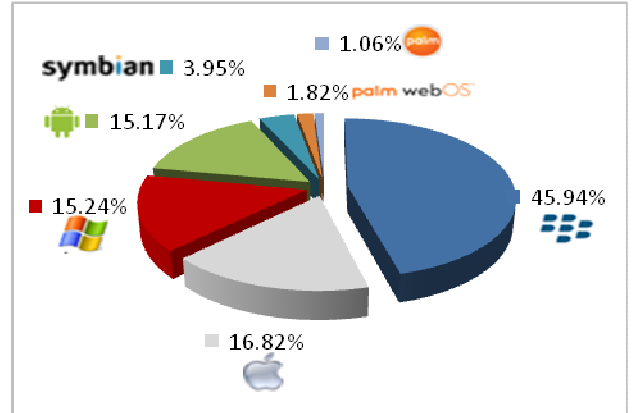


\* Smartphones are defined as having one of the following OS platforms: Android, BlackBerry, iPhone, Palm OS or webOS, Symbian, or Microsoft Windows Mobile.

# 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		
		May-10	Apr-10	May-09
35	BlackBerry OS	45.9%	48.6%	52.0%
3	iPhone OS	16.8%	14.3%	6.9%
52	Microsoft Windows Mobile	15.2%	16.6%	26.9%
12	Android	15.2%	13.7%	3.3%
9	Symbian	4.0%	3.5%	7.2%
4	Palm webOS	1.8%	2.1%	-
4	Palm OS	1.1%	1.2%	3.6%



## AT&T

No. of Models	Operating System	% of Total Usage		
		May-10	Apr-10	May-09
14	BlackBerry OS	44.3%	50.0%	48.8%
3	iPhone OS	31.4%	27.2%	12.8%
18	Microsoft Windows Mobile	13.7%	13.0%	24.2%
7	Symbian	6.5%	6.2%	12.7%
2	Android	3.6%	2.9%	-
2	Palm OS	0.5%	0.7%	1.4%

## Sprint

No. of Models	Operating System	% of Total Usage		
		May-10	Apr-10	May-09
13	BlackBerry OS	51.4%	45.3%	50.8%
15	Microsoft Windows Mobile	21.2%	30.0%	38.5%
2	Android	14.9%	13.1%	-
2	Palm webOS	9.5%	8.3%	-
4	Palm OS	3.1%	3.3%	10.7%

## T-Mobile

No. of Models	Operating System	% of Total Usage		
		Apr-10	Mar-10	Apr-09
6	Android	46.7%	45.6%	27.8%
10	BlackBerry OS	33.8%	37.6%	50.3%
11	Microsoft Windows Mobile	16.1%	14.7%	18.6%
2	Symbian	3.5%	2.1%	3.3%

## Verizon

No. of Models	Operating System	% of Total Usage		
		May-10	Apr-10	May-09
12	BlackBerry OS	55.2%	55.2%	69.8%
3	Android	25.2%	22.5%	-
15	Microsoft Windows Mobile	14.8%	16.4%	30.2%
2	Palm webOS	2.8%	4.4%	-
4	Palm OS	2.0%	1.4%	5.7%

## Notes:

Not all operators offered handsets as of May 31, 2010 with all available Smartphone OS's. For example, iPhones are only offered currently 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. Over 1000 customers, translating to over 10,000 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 2009.

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>).