Mobile Broadband Index

WI-FI HOTSPOT USAGE ANALYSIS

PERIOD: July 1, 2007 – December 31, 2007 | **DATE:** March 10, 2008

The iPass Mobile Broadband Index summarizes internal data collected by iPass and is intended to represent usage behavior across its base of enterprise customers. A "session" refers to all usage within a 24 hour period at a specific location.

	2H07 Sessions	Session Length (Minutes)	% of Worldwide Total	2H06 Sessions	Annual Growth from 2H06
REGIONS OF THE WORLD					
North America	1,127,309	88	51%	698,252	61%
Europe	875,752	84	40%	361,830	142%
Asia Pacific	146,191	84	7%	82,579	77%
Latin America	24,335	48	1%	10,460	133%
Rest of World	22,026	147	1%	11,428	93%
Total	**2,195,613**	**86**	**100%**	**1,164,549**	**89%**
VENUE TYPES					
Airport	992,263	41	45%	569,277	74%
Hotel	647,244	171	29%	263,068	146%
Café/retail/other	556,106	67	25%	332,204	67%
Total	**2,195,613**	**86**	**100%**	**1,164,549**	**89%**
TOP 5 RETAIL VENUE TYPES					
1 Cafes	244,900	66	11%	182,077	35%
2 Restaurants	90,250	44	4%	28,505	217%
3 Transit (Train, Ferry)	32,817	26	1%	9,708	238%
4 Bookstores	28,635	79	1%	22,814	26%
5 Office Services	17,195	66	1%	19,109	-10%
Other	142,309	165	6%	69,991	103%
Total	**556,106**	**86**	**25%**	**332,204**	**67%**
TOP 10 COUNTRIES					
1 United States	1,109,468	88	51%	692,332	60%
2 United Kingdom	291,325	86	13%	131,546	121%
3 Germany	217,708	90	10%	63,496	243%
4 Switzerland	83,282	76	4%	37,443	122%
5 Netherlands	74,827	82	3%	36,342	106%
6 France	68,978	70	3%	20,712	233%
7 Japan	50,785	53	2%	33,887	50%
8 Australia	35,778	90	2%	12,346	190%
9 Belgium	22,764	102	1%	9,608	137%
10 Brazil	22,363	47	1%	6,228	259%
TOP 10 CITIES*					
1 London	28,720	72	1.3%	11,203	156%
2 Singapore	9,925	66	0.5%	5,764	72%
3 Tokyo	9,591	77	0.4%	4,395	118%
4 New York	7,929	54	0.4%	5,729	38%
5 Chicago	5,920	44	0.3%	5,615	5%
6 Houston	5,372	50	0.2%	4,422	21%
7 San Francisco	4,889	51	0.2%	4,282	14%
8 Dallas	4,426	54	0.2%	4,039	10%
9 Munich	4,186	24	0.2%	2,203	90%
10 San Jose	4,158	53	0.2%	2,990	39%
** Excludes airport and hotel usage*					
TOP 20 AIRPORTS WORLDWIDE					
1 O'Hare (Chicago)	78,810	42	3.6%	48,902	61%
2 Dallas-Fort Worth	49,713	38	2.3%	38,662	29%
3 Hartsfield (Atlanta)	46,825	49	2.1%	27,787	69%
4 Heathrow (London)	41,557	44	1.9%	24,226	72%
5 San Francisco	38,178	41	1.7%	26,268	45%
6 Frankfurt	30,981	51	1.4%	11,547	168%
7 Schiphol (Amsterdam)	28,951	40	1.3%	12,729	127%
8 Newark	25,168	42	1.1%	14,271	76%
9 Charles de Gaulle (Paris)	22,133	34	1.0%	10,962	102%
10 Detroit Metro	21,005	38	1.0%	16,024	31%
11 Minneapolis-St.Paul	20,687	36	0.9%	24,382	-15%
12 Munich	20,420	50	0.9%	253	7971%
13 Los Angeles	20,378	43	0.9%	5,955	242%
14 Zurich	18,938	29	0.9%	8,636	119%
15 Denver	18,565	40	0.8%	18,666	-1%
16 Logan (Boston)	18,229	42	0.8%	11,547	58%
17 Philadelphia	17,721	45	0.8%	11,701	51%
18 San Jose	16,336	95	0.7%	14,166	15%
19 Seattle-Tacoma	14,350	39	0.7%	8,809	63%
20 Copenhagen	13,012	35	0.6%	10,663	22%

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Mobile Broadband Index

2.5G/3G MOBILE DATA USAGE ANALYSIS

PERIOD: July 1, 2007 – December 31, 2007 | **DATE:** March 10, 2008

The iPass Mobile Broadband Index summarizes internal data collected by iPass and is intended to represent usage behavior across its base of enterprise customers.

	Q1	Q2	Q3	Q4	2007	Change Q1 to Q407
*Sample of new and established users**						
OVERALL DATA TRANSFER						
Average monthly data transferred per user (MB)	151.7	132.4	177.6	189.6	164.4	25%
USE OF 2.5G (1XRTT) VS. 3G (EV-DO)						
Sessions						
2.5G	29%	26%	26%	23%	26%	
3G	71%	74%	74%	77%	74%	
Percentage of users of each technology						
2.5G	65%	58%	65%	61%	62%	
3G	98%	97%	96%	98%	97%	
Mix of users by technology (within each month in the quarter)						
2.5G Only	2%	2%	3%	2%	3%	
3G Only	35%	42%	35%	39%	38%	
Both 2.5G and 3G	63%	55%	62%	59%	59%	
*Sample of new and established users**						
OVERALL DATA TRANSFER AND ACTIVITY (PER MONTH)						
Average transferred data per user (MB)	187.5	196.2	202.0	224.8	202.5	20%
Percentage of Users Active Each Month	93%	90%	93%	90%	92%	
DISTRIBUTION OF DATA TRANSFER BY USER (PER MONTH)						
90th percentile	411.6	429.4	453.4	476.8	442.6	16%
75th percentile	212.0	230.2	240.4	250.1	233.1	18%
50th percentile	89.4	95.4	109.6	95.0	97.4	6%
25th percentile	32.1	35.1	43.6	34.3	36.3	7%
10th percentile	8.6	10.1	16.2	9.2	11.1	6%
DATA TRANSFERRED PER MONTH (PERCENTAGE OF USERS)						
2 MB or more	0.5%	0.3%	0.4%	0.6%	0.4%	
1 GB -2 GB	1.2%	0.9%	1.2%	2.0%	1.3%	
1 GB - 500 MB	5.1%	6.3%	6.8%	6.6%	6.2%	
500 MB -250 MB	13.9%	15.2%	15.8%	15.9%	15.2%	
250 MB - 100 MB	25.9%	26.0%	28.8%	23.8%	26.2%	
50 MB - 100 MB	18.0%	18.7%	18.9%	17.8%	18.4%	
50 MB or less	35.4%	32.6%	28.1%	33.3%	32.3%	
Total	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	

* Includes a representative mix of all users regardless of activation date.
** Sample of established users considers only users active from January 2007 through January 2008.

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