



Global Download Report
August 2011

Global Download Report – Jan 2011 through June 2011

The Baseline

35 PB of data delivered
27 Million Downloads
20 Million end user computers
224 Countries
18,017 ISPs

The Data We Collected

Avg. Speed **4.64 Mbps (580 KBps)***
Avg. Completion Rate **80.45%**

The data in this report is based on media assets delivered using Pando services between January 1, 2011 and June 30, 2011

(* Mbps= KBps X 8/1000)

Country Based Download Speed Performance*

Fastest Countries

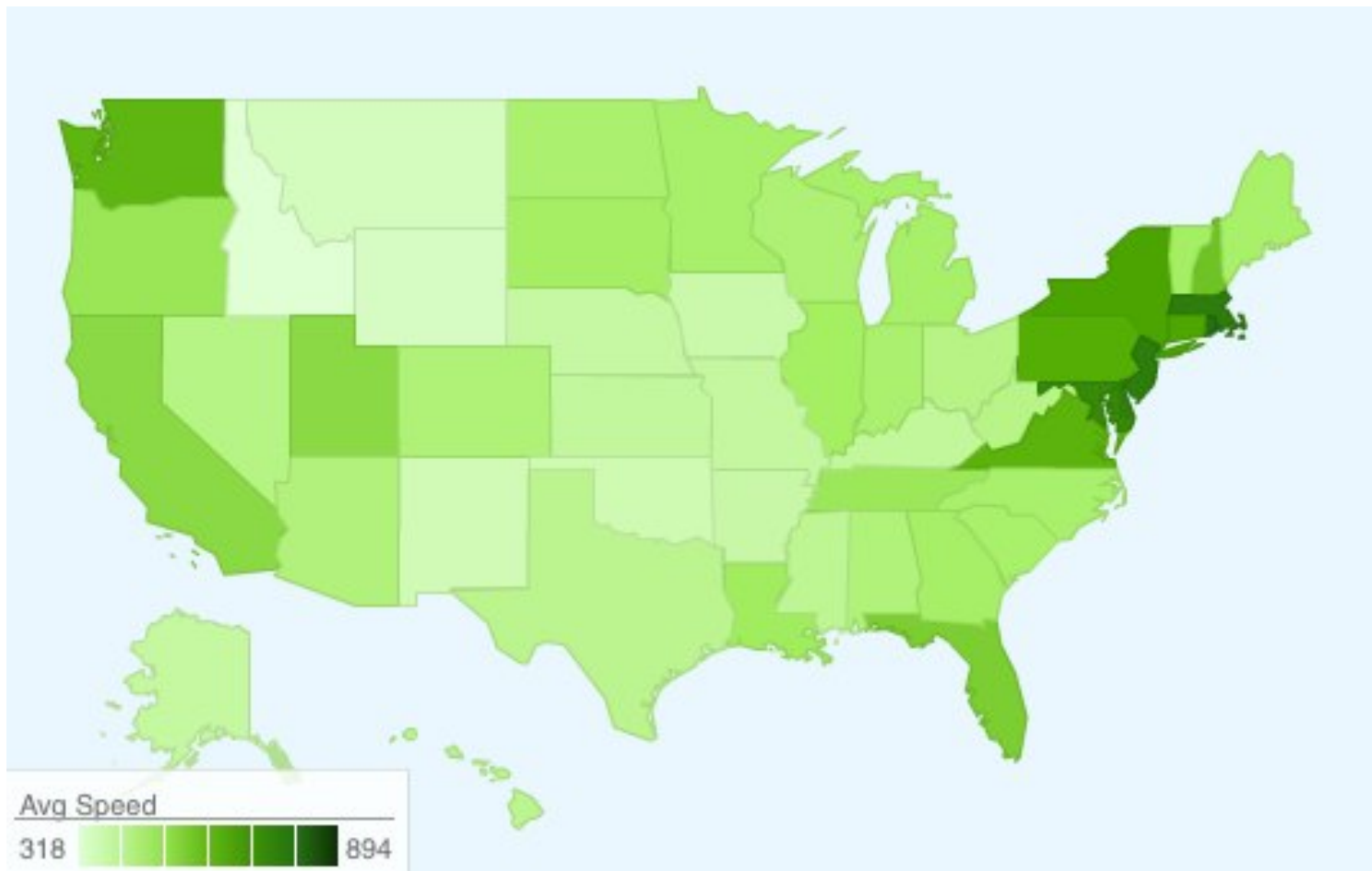
Country	Mbps (KBps)
South Korea	17.62 (2,202)
Romania	15.27 (1,909)
Bulgaria	12.89 (1,611)
Lithuania	11.70 (1,463)
Latvia	11.02 (1,377)
Japan	10.91 (1,364)
Sweden	9.87 (1,234)
Ukraine	9.52 (1,190)
Denmark	8.16 (1,020)
Hong Kong	7.94 (992)
Netherlands	7.47 (934)
Finland	7.34 (917)
Moldova	7.32 (915)
Taiwan	6.88 (860)
Norway	6.41 (801)

Other Countries

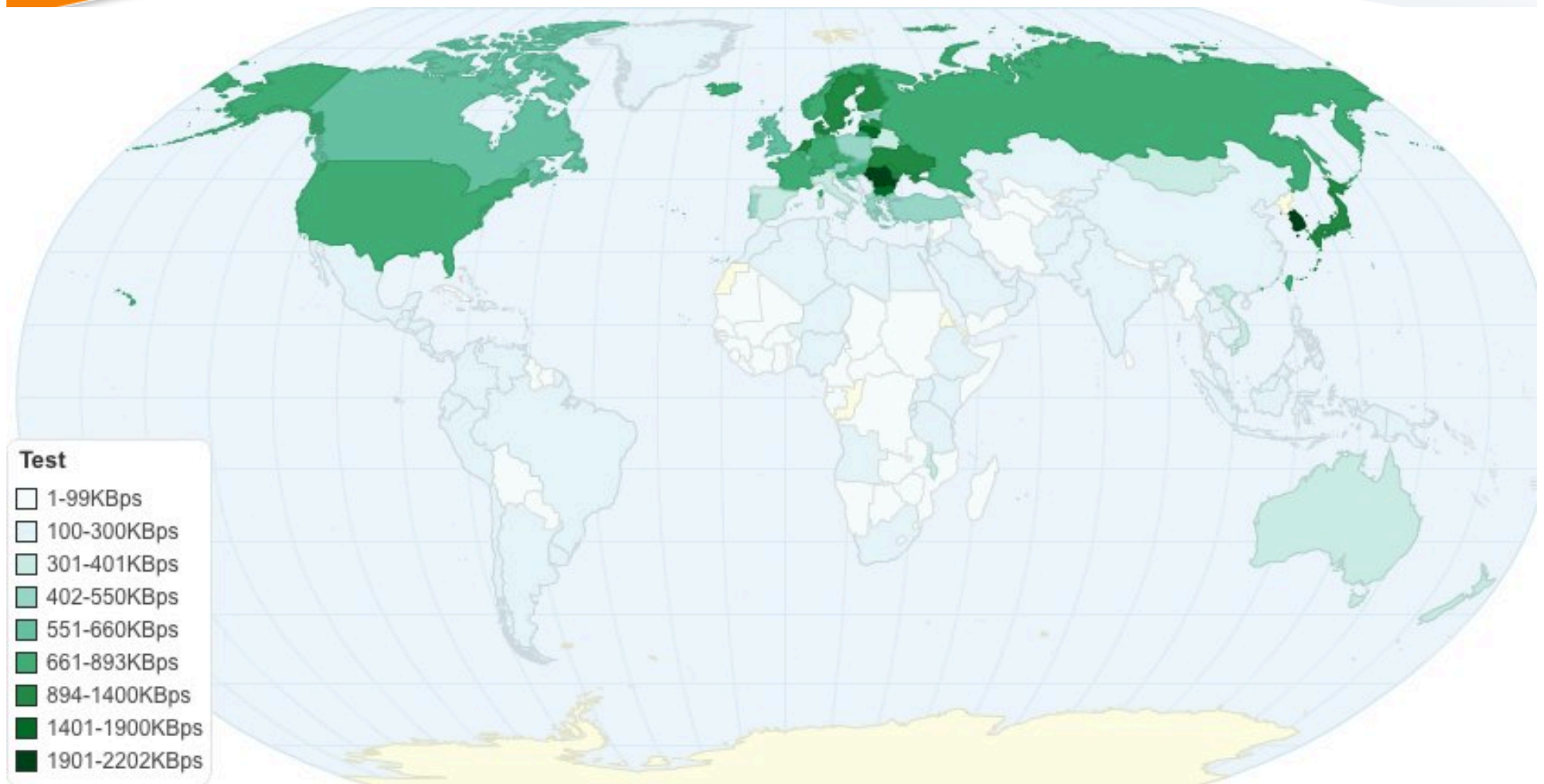
Country	Mbps (KBps)
Switzerland	5.23 (654)
Germany	5.18 (647)
United States	4.93 (616)
Great Britain	4.79 (599)
Turkey	3.92 (490)
Poland	3.46 (432)
Spain	3.15 (394)
Australia	2.78 (348)
Israel	2.72 (340)
China	1.96 (245)
Mexico	1.90 (237)
Saudi Arabia	1.73 (216)
Philippines	1.70 (213)
Argentina	1.06 (132)
Brazil	0.84 (105)

* All data presented in this report represents average download speeds

US Download Speeds At A Glance



Global Download Speeds At A Glance



Download Completion Rate

Download Friendly Countries

Faster speeds generally result in higher download completion rates.

Users in the following countries are more likely to successfully complete their downloads.

Country	Completion Rate
South Korea	94%
Hong Kong	93%
Japan	93%
Bulgaria	93%
Taiwan	92%
Denmark	91%
Sweden	91%
Iceland	90%
Latvia	90%
Norway	89%

Selective Country Based ISP Performance

South Korea	Mbps (KBps)
Dacom Corp.	41.21 (5,151)
KRNIC	34.79 (4,349)
Korea Telecom	33.18 (4,148)
Hanaro Telecom	25.38 (3,713)
SK Broadband Co Ltd	25.56 (3,195)
LG Powercomm	24.79 (3,099)

Germany	Mbps (KBps)
Kabel Deutschland Breitband	7.82 (978)
Kabel Baden-Wuerttemberg	7.68 (960)
Unity media NRW	7.61 (951)
Alice DSL	5.06 (632)
Telefonica Deutschland	4.64 (580)
Arcor AG	4.30 (537)
Versatel Deutschland	4.08 (510)
Deutsche Telekom AG	3.94 (493)

Taiwan	Mbps (KBps)
TBC (Taiwan Broadband Com)	5.42 (677)
TUNG HO Multimedia	4.49 (561)
Digital United	4.11 (514)
Sony Network Taiwan	3.85 (481)

United States	Mbps (KBps)
Verizon Internet Services	8.45 (1,056)
Comcast Cable	7.22 (903)
Charter Communications	6.76 (845)
Cox Communications	6.63 (829)
Optimum Online	6.08 (760)
Road Runner (Time Warner)	5.65 (706)
Quest Communications	4.21 (526)
AT&T	3.13 (392)

Great Britain	Mbps (KBps)
Virgin Media	4.90 (612)
Be UnL imited	4.68 (585)
Sky Broadband	4.27 (534)
TalkTalk	3.84 (480)
Tiscali UK	3.73 (466)
Orange Home	3.49 (431)
British Telecommunications	3.40 (425)

China	Mbps (KBps)
ChinaNet Guangdong Province	2.62 (328)
ChinaNet Shanghai Province	2.01 (251)
China Unicom Beijing Province	1.79 (224)
ChinaNet Guangdong Province	1,71 (214)

City Based Speed Performance

Top 12 Fastest Cities

Country	City	Mbps (KBps)
South Korea	Seocho	33.50 (4,187)
South Korea	Suwon	29.35 (3,669)
South Korea	Ansan	24.19 (3,023)
South Korea	Bucheon	23.96 (2,994)
South Korea	Yongin	23.76 (2,970)
South Korea	Daejeon	23.69 (2,961)
United States	Andover, MA	22.41 (2,801)
Romania	Bucharest	21.32 (2,665)
South Korea	Busan	21.27 (2,659)
South Korea	Daegu	20.31 (2,539)
South Korea	Incheon	20.16 (2,520)
South Korea	Apo	19.62 (2,452)

Top 12 Slowest Cities

Country	City	Mbps (KBps)
Algeria	Algiers	0.45 (56)
Brazil	Itapema	0.49 (61)
Bolivia	Sanat Cruz	0.50 (62)
Brazil	Varginha	0.51 (64)
Brazil	Petrópolis	0.52 (65)
Brazil	Rio Branco	0.52 (65)
Venezuela	Los Teques	0.56 (70)
Brazil	Feira De Santana	0.56 (71)
Brazil	Catanduva	0.58 (72)
Indonesia	Surabaya	0.58 (72)
Brazil	Juiz De Fora	0.58 (73)
Indonesia	Palembang	0.58 (73)