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REFERENCE DOCUMENT TO ACCOMPANY Q2 BROADBAND AND IPTV SUBSCRIPTION FIGURES

Published by the Broadband Forum and prepared by broadband industry analysts, Point Topic

1. Regional broadband subscription figures

Region	Subs Q1 2011	Subs Q1 2012	Subs Q2 2012	Households Served	Broadband Household Penetration
North America	99,449,144	104,431,435	105,222,032	133,688,835	79%
Western Europe	121,251,161	127,563,728	129,213,343	167,071,693	77%
Eastern Europe	42,133,129	51,562,038	52,931,132	115,953,161	46%
Asia-Pacific	71,470,171	76,064,480	76,643,189	167,962,182	46%
Latin America	39,931,081	46,123,129	47,590,335	135,270,912	35%
South and East Asia	156,048,888	182,816,957	189,305,759	715,623,905	26%
Middle East and Africa	17,656,927	19,758,712	20,066,945	98,671,454	20%
Total	547,940,501	608,320,479	620,972,735*	1,534,242,142	40%

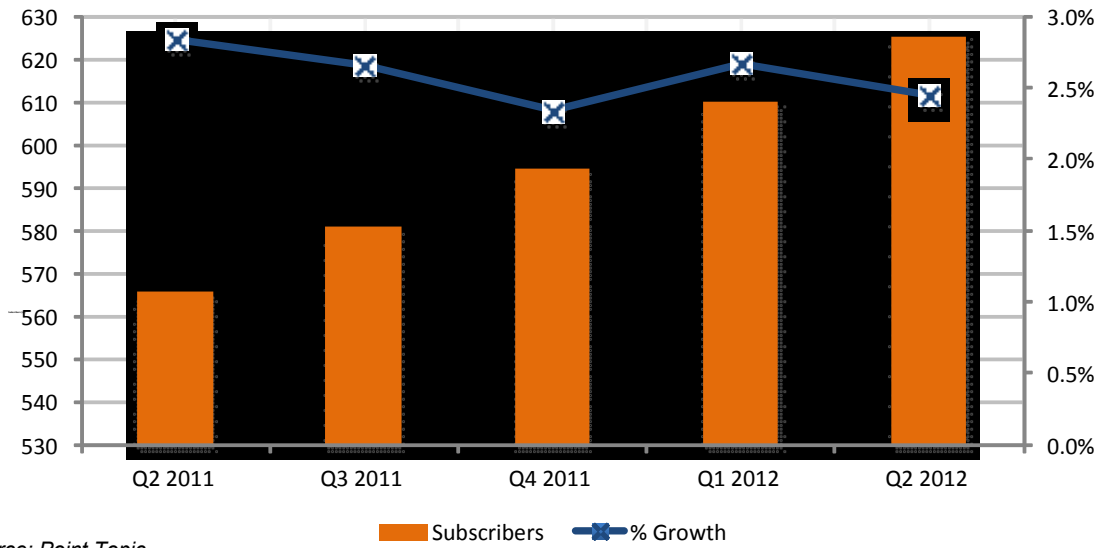
*Note totals excludes satellite broadband

2. Top 20 Broadband Countries

Country	2011Q4	2012Q1	2012Q2	% growth qtr	% growth yr	qtr add	yr add
China (All Territories)	154,777,488	161,204,152	167,014,744	3.6%	15.8%	5,810,592	22,757,330
United States	91,631,760	93,264,503	94,000,180	0.8%	5.0%	735,677	4,465,961
Japan	36,695,200	37,012,100	37,292,400	0.8%	5.3%	280,300	1,882,000
Germany	28,608,900	28,958,600	29,555,500	2.1%	6.3%	596,900	1,749,200
Russian Federation	21,376,855	22,161,900	22,830,900	3.0%	28.3%	669,000	5,040,000
France	22,174,300	22,353,700	22,632,200	1.2%	3.8%	278,500	825,100
United Kingdom	20,736,500	21,093,600	21,269,300	0.8%	5.5%	175,700	1,118,100
Korea, Republic of	17,915,007	18,096,027	18,103,946	0.0%	2.8%	7,919	498,825
Brazil	16,518,500	17,082,500	17,867,925	4.6%	17.3%	785,425	2,635,225
India	13,333,827	13,697,791	13,991,600	2.1%	14.0%	293,809	1,722,569
Italy	13,781,650	13,870,650	13,926,782	0.4%	2.5%	56,132	337,132
Mexico	12,487,401	12,740,353	12,883,763	1.1%	8.1%	143,410	966,323
Spain	11,610,284	11,777,921	12,076,137	2.5%	6.5%	298,216	732,650
Canada	11,083,633	11,166,932	11,221,852	0.5%	4.3%	54,920	459,467
Turkey	7,507,829	7,777,829	7,847,829	0.9%	7.7%	70,000	560,627
Ukraine	6,130,000	6,494,500	6,794,000	4.6%	27.9%	299,500	1,481,000
Netherlands	6,622,400	6,719,500	6,791,800	1.1%	6.1%	72,300	390,900
Poland	5,708,229	5,803,689	5,930,769	2.2%	7.9%	127,080	436,025
Australia	5,766,200	5,827,800	5,892,400	1.1%	4.0%	64,600	228,500
Taiwan, Province of China	5,589,000	5,695,597	5,740,083	0.8%	7.3%	44,486	388,083

3. Global trends in broadband subscriber numbers and growth

Global Broadband Trends



Source: Point Topic

4. IPTV subscription figures: top countries

Country	Q1 2012	IPTV Subscribers	% Growth
China	15,150,000	16,275,000	7%
France	12,375,000	12,788,000	3%
United States	9,353,737	9,662,234	3%
Korea, Republic of	5,275,243	5,695,226	8%
Japan	3,808,846	3,972,813	4%
Germany	2,108,700	2,247,700	7%
Russia	1,648,000	1,927,000	17%
Hong Kong	1,355,000	1,375,000	1%
Belgium	1,254,000	1,301,000	4%
Netherlands	1,062,000	1,151,000	8%

5. Technology breakdown for fixed access broadband

Technology Group	Q2 2011	Q1 2012	Q2 2012	% Growth Quarter	% Growth Year	Market Share
Copper	350,575,441	365,977,067	371,916,586	1.6%	6.1%	59.6%
Cable	110,957,743	118,331,292	120,380,057	1.7%	8.5%	19.3%
FTTx	72,962,187	89,195,288	92,644,728	3.9%	27.0%	14.8%
FTTH	14,293,515	16,866,850	17,644,837	4.6%	23.4%	2.8%
Fixed Wireless	8,748,369	9,996,552	10,246,502	2.5%	17.1%	1.6%
Others*	6,988,575	8,969,763	9,350,936	4.2%	33.8%	1.5%
Satellite	1,713,275	1,866,567	1,927,139	3.2%	12.5%	0.3%

* Others include Intellicell, LAN, Leased Circuit, Powerline and Private Circuits