



Akamai State of the Internet

Three-year trend data (Q1 2008 – Q1 2011)

- The number of unique IPv4 addresses seen by Akamai grew from 323 million in Q1 2008 to 584 million in Q1 2011 – up 80% over the three-year period.
- In Europe, the largest increase in average connection speed was seen in Georgia, which more than tripled over the last three years.
- China's average connection speed has grown by nearly half since Q1 2008 and exceeded 1 Mbps for the first time in Q1 2011.
- Canada's average connection speed grew over the last three years by nearly 70%, double the growth rate of 35% seen in the United States.
- Average connection speeds in Chile, Colombia, and Paraguay more than doubled from Q1 2008 to Q1 2011.
- In Europe, the largest increases (over 300%) in average peak connection speeds from Q1 2008 to Q1 2011 were seen in Bulgaria and Moldova.
- Average peak connection speeds in Australia and New Zealand have more than doubled over the last three years.
- While the average peak connection speed in the United States increased 95% from Q1 2008 to Q1 2011, Mexico's average peak connection speed grew 166% over the same period.
- Average peak connection speeds in Argentina, Brazil, Chile, Colombia, Paraguay, and Uruguay more than doubled from Q1 2008 to Q1 2011.
- In the U.S., the average connection speed in perennial speed leader Delaware has only grown by less than six percent over the last three years.
- In Q1 2008, the state of Washington had the highest percentage (21%) of connections to Akamai at speeds under 256 kbps; in Q1 2011, the level had dropped to just below 3%.
- In January 2008, a pair of cut submarine telecom cables in the Mediterranean just north of Egypt caused severe Internet outages and disruptions in the Middle East, Pakistan and India. In September 2008, Hurricane Ike caused extensive Internet outages across the United States.
- In January 2009, a DDoS attack on the DNS servers of the domain registrar Network Solutions slowed down access to hundreds of thousands of websites for several hours. In June 2009, Internet connectivity in Iran experienced disruptions related to unrest around controversial elections within the country. In July 2009, damage to the undersea SAT-3 cable caused Internet connectivity problems in West Africa.
- In 2009, damage to submarine cables caused Internet outages in Haiti (January), Taiwan (March), the Middle East (April), and Malaysia (April).

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