



Japan - 2016 Year in Review

IP Traffic

- In Japan, IP traffic reached 4.4 Exabytes per month in 2016, up from 3.2 Exabytes per month in 2015.
- Japan's IP traffic grew 39% in 2016.
- Japan's IP networks carried 145 Petabytes per day in 2016, up from 104 Petabytes per day in 2015.
- In Japan, IP traffic reached an annual run rate of 52.8 Exabytes in 2016, up from an annual run rate of 37.9 Exabytes in 2015.
- Japan's IP traffic in 2016 was equivalent to 13 billion DVDs per year, 1 billion DVDs per month, or 2 million DVDs per hour.
- In Japan, IP traffic reached 34.9 Gigabytes per capita in 2016, up from 25.0 Gigabytes per capita in 2015.
- In Japan, average IP traffic reached 13 Tbps in 2016, and busy hour traffic was 55 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Japan's IP networks every 1 hours.
- Japanese IP traffic in 2016 was equivalent to 23x the volume of Japanese IP traffic in 2005.

Internet Traffic

- In Japan, average Internet traffic grew 50% in 2016.
- In Japan, peak Internet traffic grew 62% in 2016.
- In Japan, Internet traffic reached 3.5 Exabytes per month in 2016, up from 2.3 Exabytes per month in 2015.
- Japan's Internet traffic was 110 Petabytes per day in 2016, up from 77 Petabytes per day in 2015.
- Japan's Internet traffic in 2016 was equivalent to 10 billion DVDs per year, 874 million DVDs per month, or 1 million DVDs per hour.

- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 2 hours.
- Japanese Internet traffic in 2016 was equivalent to 24x the volume of the entire Japanese Internet in 2005.
- In Japan, Internet traffic reached 27.7 Gigabytes per capita in 2016, up from 18.4 Gigabytes per capita in 2015.
- In Japan, average Internet traffic reached 11 Tbps in 2016.
- In Japan, busy hour Internet traffic reached 44 Tbps in 2016.

Wi-Fi Traffic

- Japan's Fixed/Wi-Fi IP traffic grew 59% in 2016.

Wired Traffic

- Japan's Fixed/Wired IP traffic grew 21% in 2016.

Mobile Traffic

- Japan's mobile data traffic grew 34% in 2016.

Video Traffic

- In Japan, IP video was 72% of all IP traffic in 2016, up from 71% in 2015.
- In Japan, Internet video traffic was 67% of all consumer Internet traffic in 2016, up from 64% in 2015.
- In Japan, 318 billion minutes of video content crossed the Internet each month in 2016, up from 293 billion in 2015.
- In Japan, 318 billion minutes (605,392 years) of video content crossed the Internet each month in 2016. That's 121,078 minutes of video streamed or downloaded every second.

Devices

- In Japan, there were 801.8 million networked devices in 2016, up from 729.8 million in 2015.
- In Japan, there were 6.3 networked devices per capita in 2016, up from 5.8 per capita in 2015.

Broadband Speed Evolution

- In Japan, the average fixed broadband speed grew 20% from 2015 to 2016, from 56.4 Mbps to 67.4 Mbps.
- In Japan, 89% of broadband connections were faster than 5 Mbps in 2016.
- In Japan, 77% of broadband connections will be faster than 10 Mbps in 2016.

Traffic per User and Household

- In Japan, the average Internet user generated 23.7 Gigabytes per month in 2016, up 62% from 14.6 Gigabytes per month in 2015.
- In Japan, the average Internet household generated 54.8 Gigabytes per month in 2016, up 62% from 33.8 Gigabytes per month in 2015.
- In Japan, Internet video traffic grew 57%, and is now 89% of all consumer Internet traffic.
- In Japan, there were 2 million Internet households (4.0% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 778,801 in 2015.

- In Japan, there were 396,597 Internet households (1.0% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 389,401 in 2015.