



Korea – 2016 Year in Review

IP Traffic

- In Korea, IP traffic reached 3.9 Exabytes per month in 2016, up from 3.4 Exabytes per month in 2015.
- Korea's IP traffic grew 13% in 2016.
- Korea's IP networks carried 127 Petabytes per day in 2016, up from 113 Petabytes per day in 2015.
- In Korea, IP traffic reached an annual run rate of 46.3 Exabytes in 2016, up from an annual run rate of 41.1 Exabytes in 2015.
- Korea's IP traffic in 2016 was equivalent to 12 billion DVDs per year, 964 million DVDs per month, or 1 million DVDs per hour.
- In Korea, IP traffic reached 76.4 Gigabytes per capita in 2016, up from 68.0 Gigabytes per capita in 2015.
- In Korea, average IP traffic reached 12 Tbps in 2016, and busy hour traffic was 39 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Korea's IP networks every 2 hours.
- Korean IP traffic in 2016 was equivalent to 11x the volume of Korean IP traffic in 2005.

Internet Traffic

- In Korea, average Internet traffic grew 12% in 2016.
- In Korea, peak Internet traffic grew 29% in 2016.
- In Korea, Internet traffic reached 3.4 Exabytes per month in 2016, up from 3.0 Exabytes per month in 2015.
- Korea's Internet traffic was 110 Petabytes per day in 2016, up from 100 Petabytes per day in 2015.
- Korea's Internet traffic in 2016 was equivalent to 10 billion DVDs per year, 848 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.
- Korean Internet traffic in 2016 was equivalent to 10x the volume of the entire Korean Internet in 2005.
- In Korea, Internet traffic reached 67.1 Gigabytes per capita in 2016, up from 60.5 Gigabytes per capita in 2015.
- In Korea, average Internet traffic reached 10 Tbps in 2016.
- In Korea, busy hour Internet traffic reached 35 Tbps in 2016.

Wi-Fi Traffic

- Korea's Fixed/Wi-Fi IP traffic grew 16% in 2016.

Wired Traffic

- Korea's Fixed/Wired IP traffic grew 7% in 2016.

Mobile Traffic

- Korea's mobile data traffic grew 45% in 2016.

Video Traffic

- In Korea, IP video was 63% of all IP traffic in 2016, up from 59% in 2015.
- In Korea, Internet video traffic was 59% of all consumer Internet traffic in 2016, up from 55% in 2015.
- In Korea, 124 billion minutes of video content crossed the Internet each month in 2016, up from 120 billion in 2015.
- In Korea, 124 billion minutes (235,591 years) of video content crossed the Internet each month in 2016. That's 47,118 minutes of video streamed or downloaded every second.

Devices

- In Korea, there were 339.8 million networked devices in 2016, up from 302.9 million in 2015.
- In Korea, there were 6.7 networked devices per capita in 2016, up from 6.0 per capita in 2015.

Broadband Speed Evolution

- In Korea, the average fixed broadband speed grew 18% from 2015 to 2016, from 58.7 Mbps to 69.1 Mbps.
- In Korea, 94% of broadband connections were faster than 5 Mbps in 2016.
- In Korea, 85% of broadband connections will be faster than 10 Mbps in 2016.

Traffic per User and Household

- In Korea, the average Internet user generated 60.6 Gigabytes per month in 2016, up 6% from 57.4 Gigabytes per month in 2015.
- In Korea, the average Internet household generated 149.5 Gigabytes per month in 2016, up 6% from 141.5 Gigabytes per month in 2015.
- In Korea, Internet video traffic grew 20%, and is now 67% of all consumer Internet traffic.

- In Korea, there were 4 million Internet households (22.0% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 4 million in 2015.
- In Korea, there were 1 million Internet households (7.0% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 1 million in 2015.