



India - 2016 Year in Review

IP Traffic

- In India, IP traffic reached 1.7 Exabytes per month in 2016, up from 1.2 Exabytes per month in 2015.
- India's IP traffic grew 49% in 2016.
- India's IP networks carried 57 Petabytes per day in 2016, up from 39 Petabytes per day in 2015.
- In India, IP traffic reached an annual run rate of 21.0 Exabytes in 2016, up from an annual run rate of 14.1 Exabytes in 2015.
- India's IP traffic in 2016 was equivalent to 5 billion DVDs per year, 437 million DVDs per month, or 598,563 DVDs per hour.
- In India, IP traffic reached 1.3 Gigabytes per capita in 2016, up from 0.9 Gigabytes per capita in 2015.
- In India, average IP traffic reached 5 Tbps in 2016, and busy hour traffic was 17 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed India's IP networks every 3 hours.
- Indian IP traffic in 2016 was equivalent to 70x the volume of Indian IP traffic in 2005.

Internet Traffic

- In India, average Internet traffic grew 50% in 2016.
- In India, peak Internet traffic grew 70% in 2016.
- In India, Internet traffic reached 1.2 Exabytes per month in 2016, up from 774 Petabytes per month in 2015.
- India's Internet traffic was 40 Petabytes per day in 2016, up from 25 Petabytes per day in 2015.
- India's Internet traffic in 2016 was equivalent to 3 billion DVDs per year, 290 million DVDs per month, or 397,669 DVDs per hour.

- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 5 hours.
- Indian Internet traffic in 2016 was equivalent to 52x the volume of the entire Indian Internet in 2005.
- In India, Internet traffic reached 0.9 Gigabytes per capita in 2016, up from 0.6 Gigabytes per capita in 2015.
- In India, average Internet traffic reached 4 Tbps in 2016.
- In India, busy hour Internet traffic reached 11 Tbps in 2016.

Wi-Fi Traffic

- India's Fixed/Wi-Fi IP traffic grew 47% in 2016.

Wired Traffic

- India's Fixed/Wired IP traffic grew 43% in 2016.

Mobile Traffic

- India's mobile data traffic grew 76% in 2016.

Video Traffic

- In India, IP video was 69% of all IP traffic in 2016, up from 64% in 2015.
- In India, Internet video traffic was 57% of all consumer Internet traffic in 2016, up from 50% in 2015.
- In India, 61 billion minutes of video content crossed the Internet each month in 2016, up from 53 billion in 2015.
- In India, 61 billion minutes (115,553 years) of video content crossed the Internet each month in 2016. That's 23,111 minutes of video streamed or downloaded every second.

Devices

- In India, there were 1.4 billion networked devices in 2016, up from 1.3 billion in 2015.
- In India, there were 1.1 networked devices per capita in 2016, up from 1.0 per capita in 2015.

Broadband Speed Evolution

- In India, the average fixed broadband speed grew 28% from 2015 to 2016, from 5.1 Mbps to 6.6 Mbps.
- In India, 34% of broadband connections were faster than 5 Mbps in 2016.
- In India, 19% of broadband connections will be faster than 10 Mbps in 2016.

Traffic per User and Household

- In India, the average Internet user generated 6.2 Gigabytes per month in 2016, up 57% from 3.9 Gigabytes per month in 2015.
- In India, the average Internet household generated 17.8 Gigabytes per month in 2016, up 62% from 11.0 Gigabytes per month in 2015.
- In India, Internet video traffic grew 70%, and is now 72% of all consumer Internet traffic.
- In India, there were 270,922 Internet households (1.0% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 260,795 in 2015.
- In India, there were 0 Internet households (0.0% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 0 in 2015.