



Canada - 2016 Year in Review

IP Traffic

- In Canada, IP traffic reached 2.3 Exabytes per month in 2016, up from 1.7 Exabytes per month in 2015.
- Canada's IP traffic grew 32% in 2016.
- Canada's IP networks carried 76 Petabytes per day in 2016, up from 57 Petabytes per day in 2015.
- In Canada, IP traffic reached an annual run rate of 27.6 Exabytes in 2016, up from an annual run rate of 20.8 Exabytes in 2015.
- Canada's IP traffic in 2016 was equivalent to 7 billion DVDs per year, 574 million DVDs per month, or 786,460 DVDs per hour.
- In Canada, IP traffic reached 63.3 Gigabytes per capita in 2016, up from 48.2 Gigabytes per capita in 2015.
- In Canada, average IP traffic reached 7 Tbps in 2016, and busy hour traffic was 32 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Canada's IP networks every 3 hours.
- Canadian IP traffic in 2016 was equivalent to 28x the volume of Canadian IP traffic in 2005.

Internet Traffic

- In Canada, average Internet traffic grew 39% in 2016.
- In Canada, peak Internet traffic grew 54% in 2016.
- In Canada, Internet traffic reached 1.6 Exabytes per month in 2016, up from 1.2 Exabytes per month in 2015.
- Canada's Internet traffic was 50 Petabytes per day in 2016, up from 38 Petabytes per day in 2015.

- Canada's Internet traffic in 2016 was equivalent to 5 billion DVDs per year, 403 million DVDs per month, or 551,643 DVDs per hour.
- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 4 hours.
- Canadian Internet traffic in 2016 was equivalent to 21x the volume of the entire Canadian Internet in 2005.
- In Canada, Internet traffic reached 44.4 Gigabytes per capita in 2016, up from 32.2 Gigabytes per capita in 2015.
- In Canada, average Internet traffic reached 5 Tbps in 2016.
- In Canada, busy hour Internet traffic reached 23 Tbps in 2016.

Wi-Fi Traffic

- Canada's Fixed/Wi-Fi IP traffic grew 43% in 2016.

Wired Traffic

- Canada's Fixed/Wired IP traffic grew 26% in 2016.

Mobile Traffic

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

Video Traffic

- In Canada, IP video was 74% of all IP traffic in 2016, up from 74% in 2016.
- In Canada, Internet video traffic was 67% of all consumer Internet traffic in 2016, up from 65% in 2015.
- In Canada, 53 billion minutes of video content crossed the Internet each month in 2016, up from 51 billion in 2015.
- In Canada, 53 billion minutes (101,434 years) of video content crossed the Internet each month in 2016. That's 20,287 minutes of video streamed or downloaded every second.

Devices

- In Canada, there were 230.0 million networked devices in 2016, up from 206.8 million in 2015.
- In Canada, there were 6.3 networked devices per capita in 2016, up from 5.8 per capita in 2015.

Broadband Speed Evolution

- In Canada, the average fixed broadband speed grew 34% from 2015 to 2016, from 19.3 Mbps to 25.9 Mbps.
- In Canada, 84% of broadband connections were faster than 5 Mbps in 2016.
- In Canada, 68% of broadband connections will be faster than 10 Mbps in 2016.

Traffic per User and Household

- In Canada, the average Internet user generated 42.1 Gigabytes per month in 2016, up 34% from 31.4 Gigabytes per month in 2015.
- In Canada, the average Internet household generated 96.9 Gigabytes per month in 2016, up 35% from 71.7 Gigabytes per month in 2015.

- In Canada, Internet video traffic grew 43%, and is now 91% of all consumer Internet traffic.
- In Canada, there were 1 million Internet households (12.0% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 788,060 in 2015.
- In Canada, there were 346,228 Internet households (3.0% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 225,160 in 2015.