



## Asia Pacific – 2016 Year in Review

### IP Traffic

- In Asia Pacific, IP traffic reached 33.5 Exabytes per month in 2016, up from 25.0 Exabytes per month in 2015.
- Asia Pacific's IP traffic grew 34% in 2016.
- Asia Pacific's IP networks carried 1.1 Exabytes per day in 2016, up from 821 Petabytes per day in 2015.
- In Asia Pacific, IP traffic reached an annual run rate of 402.1 Exabytes in 2016, up from an annual run rate of 299.6 Exabytes in 2015.
- Asia Pacific's IP traffic in 2016 was equivalent to 101 billion DVDs per year, 8 billion DVDs per month, or 11 million DVDs per hour.
- In Asia Pacific, IP traffic reached 8.3 Gigabytes per capita in 2016, up from 6.2 Gigabytes per capita in 2015.
- In Asia Pacific, average IP traffic reached 102 Tbps in 2016, and busy hour traffic was 385 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Asia Pacific's IP networks every 10 minutes.
- Asia Pacific IP traffic in 2016 was equivalent to 45x the volume of Asia Pacific IP traffic in 2005.

### Internet Traffic

- In Asia Pacific, average Internet traffic grew 36% in 2016.
- In Asia Pacific, peak Internet traffic grew 54% in 2016.
- In Asia Pacific, Internet traffic reached 25.3 Exabytes per month in 2016, up from 18.7 Exabytes per month in 2015.
- Asia Pacific's Internet traffic was 830 Petabytes per day in 2016, up from 614 Petabytes per day in 2015.
- Asia Pacific's Internet traffic in 2016 was equivalent to 76 billion DVDs per year, 6 billion DVDs per month, or 9 million DVDs per hour.

- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 14 minutes.
- Asia Pacific Internet traffic in 2016 was equivalent to 36x the volume of the entire Asia Pacific Internet in 2005.
- In Asia Pacific, Internet traffic reached 6.3 Gigabytes per capita in 2016, up from 4.7 Gigabytes per capita in 2015.
- In Asia Pacific, average Internet traffic reached 77 Tbps in 2016.
- In Asia Pacific, busy hour Internet traffic reached 291 Tbps in 2016.

### Wi-Fi Traffic

- Asia Pacific's Fixed/Wi-Fi IP traffic grew 37% in 2016.

### Wired Traffic

- Asia Pacific's Fixed/Wired IP traffic grew 28% in 2016.

### Mobile Traffic

- Asia Pacific's mobile data traffic grew 72% in 2016.

### Video Traffic

- In Asia Pacific, IP video was 72% of all IP traffic in 2016, up from 68% in 2015.
- In Asia Pacific, Internet video traffic was 65% of all consumer Internet traffic in 2016, up from 61% in 2015.
- In Asia Pacific, 940 billion minutes of video content crossed the Internet each month in 2016, up from 884 billion in 2015.
- In Asia Pacific, 940 billion minutes (2 million years) of video content crossed the Internet each month in 2016. That's 357,699 minutes of video streamed or downloaded every second.

### Devices

- In Asia Pacific, there were 7.9 billion networked devices in 2016, up from 7.2 billion in 2015.
- In Asia Pacific, there were 1.9 networked devices per capita in 2016, up from 1.8 per capita in 2015.

### Broadband Speed Evolution

- In Asia Pacific, the average fixed broadband speed grew 21% from 2015 to 2016, from 28.1 Mbps to 33.9 Mbps.
- In Asia Pacific, 84% of broadband connections were faster than 5 Mbps in 2016.
- In Asia Pacific, 69% of broadband connections will be faster than 10 Mbps in 2016.

### Traffic per User and Household

- In Asia Pacific, the average Internet user generated 16.2 Gigabytes per month in 2016, up 26% from 12.8 Gigabytes per month in 2015.
- In Asia Pacific, the average Internet household generated 44.8 Gigabytes per month in 2016, up 26% from 35.4 Gigabytes per month in 2015.
- In Asia Pacific, Internet video traffic grew 47%, and is now 83% of all consumer Internet traffic.

- In Asia Pacific, there were 13 million Internet households (3.7% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 9 million in 2015.
- In Asia Pacific, there were 5 million Internet households (1.3% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 2 million in 2015.