



Central and Eastern Europe - 2016 Year in Review

IP Traffic

- In Central and Eastern Europe, IP traffic reached 6.2 Exabytes per month in 2016, up from 4.8 Exabytes per month in 2015.
- Central and Eastern Europe's IP traffic grew 29% in 2016.
- Central and Eastern Europe's IP networks carried 204 Petabytes per day in 2016, up from 159 Petabytes per day in 2015.
- In Central and Eastern Europe, IP traffic reached an annual run rate of 74.5 Exabytes in 2016, up from an annual run rate of 57.9 Exabytes in 2015.
- Central and Eastern Europe's IP traffic in 2016 was equivalent to 19 billion DVDs per year, 2 billion DVDs per month, or 2 million DVDs per hour.
- In Central and Eastern Europe, IP traffic reached 12.7 Gigabytes per capita in 2016, up from 9.9 Gigabytes per capita in 2015.
- In Central and Eastern Europe, average IP traffic reached 19 Tbps in 2016, and busy hour traffic was 60 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Central and Eastern Europe's IP networks every 56 minutes.
- Central and Eastern European IP traffic in 2016 was equivalent to 70x the volume of Central and Eastern European IP traffic in 2005.

Internet Traffic

- In Central and Eastern Europe, average Internet traffic grew 29% in 2016.
- In Central and Eastern Europe, peak Internet traffic grew 49% in 2016.

- In Central and Eastern Europe, Internet traffic reached 5.6 Exabytes per month in 2016, up from 4.3 Exabytes per month in 2015.
- Central and Eastern Europe's Internet traffic was 180 Petabytes per day in 2016, up from 142 Petabytes per day in 2015.
- Central and Eastern Europe's Internet traffic in 2016 was equivalent to 17 billion DVDs per year, 1 billion DVDs per month, or 2 million DVDs per hour.
- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 1 hours.
- Central and Eastern European Internet traffic in 2016 was equivalent to 79x the volume of the entire Central and Eastern European Internet in 2005.
- In Central and Eastern Europe, Internet traffic reached 11.5 Gigabytes per capita in 2016, up from 8.9 Gigabytes per capita in 2015.
- In Central and Eastern Europe, average Internet traffic reached 17 Tbps in 2016.
- In Central and Eastern Europe, busy hour Internet traffic reached 54 Tbps in 2016.

Wi-Fi Traffic

- Central and Eastern Europe's Fixed/Wi-Fi IP traffic grew 26% in 2016.

Wired Traffic

- Central and Eastern Europe's Fixed/Wired IP traffic grew 22% in 2016.

Mobile Traffic

- Central and Eastern Europe's mobile data traffic grew 60% in 2016.

Video Traffic

- In Central and Eastern Europe, IP video was 57% of all IP traffic in 2016, up from 52% in 2015.
- In Central and Eastern Europe, Internet video traffic was 56% of all consumer Internet traffic in 2016, up from 50% in 2015.
- In Central and Eastern Europe, 185 billion minutes of video content crossed the Internet each month in 2016, up from 171 billion in 2015.
- In Central and Eastern Europe, 185 billion minutes (352,104 years) of video content crossed the Internet each month in 2016. That's 70,421 minutes of video streamed or downloaded every second.

Devices

- In Central and Eastern Europe, there were 1.2 billion networked devices in 2016, up from 1.1 billion in 2015.
- In Central and Eastern Europe, there were 2.5 networked devices per capita in 2016, up from 2.3 per capita in 2015.

Broadband Speed Evolution

- In Central and Eastern Europe, the average fixed broadband speed grew 15% from 2015 to 2016, from 25.3 Mbps to 29.2 Mbps.
- In Central and Eastern Europe, 81% of broadband connections were faster than 5 Mbps in 2016.
- In Central and Eastern Europe, 63% of broadband connections will be faster than 10 Mbps in 2016.

Traffic per User and Household

- In Central and Eastern Europe, the average Internet user generated 15.0 Gigabytes per month in 2016, up 20% from 12.4 Gigabytes per month in 2015.
- In Central and Eastern Europe, the average Internet household generated 39.7 Gigabytes per month in 2016, up 21% from 32.8 Gigabytes per month in 2015.
- In Central and Eastern Europe, Internet video traffic grew 45%, and is now 75% of all consumer Internet traffic.
- In Central and Eastern Europe, there were 2 million Internet households (2.3% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 1 million in 2015.
- In Central and Eastern Europe, there were 893,352 Internet households (1.1% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 400,593 in 2015.