



## Rest of Central and Eastern Europe - 2016 Year in Review

### IP Traffic

- In the rest of Central and Eastern Europe, IP traffic reached 3.5 Exabytes per month in 2016, up from 2.8 Exabytes per month in 2015.
- The rest of Central and Eastern Europe's IP traffic grew 24% in 2016.
- The rest of Central and Eastern Europe's IP networks carried 114 Petabytes per day in 2016, up from 93 Petabytes per day in 2015.
- In the rest of Central and Eastern Europe, IP traffic reached an annual run rate of 41.8 Exabytes in 2016, up from an annual run rate of 33.8 Exabytes in 2015.
- The rest of Central and Eastern Europe's IP traffic in 2016 was equivalent to 10 billion DVDs per year, 870 million DVDs per month, or 1 million DVDs per hour.
- In the rest of Central and Eastern Europe, IP traffic reached 10.1 Gigabytes per capita in 2016, up from 8.2 Gigabytes per capita in 2015.
- In the rest of Central and Eastern Europe, average IP traffic reached 11 Tbps in 2016, and busy hour traffic was 33 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed The rest of Central and Eastern Europe's IP networks every 2 hours.
- the rest of Central and Eastern European IP traffic in 2016 was equivalent to 62x the volume of the rest of Central and Eastern European IP traffic in 2005.

### Internet Traffic

- In the rest of Central and Eastern Europe, average Internet traffic grew 24% in 2016.
- In the rest of Central and Eastern Europe, peak Internet traffic grew 43% in 2016.

- In the rest of Central and Eastern Europe, Internet traffic reached 3.2 Exabytes per month in 2016, up from 2.6 Exabytes per month in 2015.
- The rest of Central and Eastern Europe's Internet traffic was 110 Petabytes per day in 2016, up from 86 Petabytes per day in 2015.
- The rest of Central and Eastern Europe's Internet traffic in 2016 was equivalent to 10 billion DVDs per year, 808 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.
- the rest of Central and Eastern European Internet traffic in 2016 was equivalent to 70x the volume of the entire the rest of Central and Eastern European Internet in 2005.
- In the rest of Central and Eastern Europe, Internet traffic reached 9.4 Gigabytes per capita in 2016, up from 7.6 Gigabytes per capita in 2015.
- In the rest of Central and Eastern Europe, average Internet traffic reached 10 Tbps in 2016.
- In the rest of Central and Eastern Europe, busy hour Internet traffic reached 30 Tbps in 2016.

### Wi-Fi Traffic

- The rest of Central and Eastern Europe's Fixed/Wi-Fi IP traffic grew 21% in 2016.

### Wired Traffic

- The rest of Central and Eastern Europe's Fixed/Wired IP traffic grew 11% in 2016.

### Mobile Traffic

- The rest of Central and Eastern Europe's mobile data traffic grew 67% in 2016.

### Video Traffic

- In the rest of Central and Eastern Europe, IP video was 54% of all IP traffic in 2016, up from 47% in 2015.
- In the rest of Central and Eastern Europe, Internet video traffic was 53% of all consumer Internet traffic in 2016, up from 47% in 2015.
- In the rest of Central and Eastern Europe, 50 billion minutes of video content crossed the Internet each month in 2016, up from 47 billion in 2015.
- In the rest of Central and Eastern Europe, 50 billion minutes (95,018 years) of video content crossed the Internet each month in 2016. That's 19,004 minutes of video streamed or downloaded every second.

### Devices

- In the rest of Central and Eastern Europe, there were 688.7 million networked devices in 2016, up from 651.2 million in 2015.
- In the rest of Central and Eastern Europe, there were 2.0 networked devices per capita in 2016, up from 1.9 per capita in 2015.

### Broadband Speed Evolution

- In the rest of Central and Eastern Europe, the average fixed broadband speed grew 15% from 2015 to 2016, from 21.6 Mbps to 24.8 Mbps.
- In the rest of Central and Eastern Europe, 79% of broadband connections were faster than 5 Mbps in 2016.
- In the rest of Central and Eastern Europe, 59% of broadband connections will be faster than 10 Mbps in 2016.

### Traffic per User and Household

- In the rest of Central and Eastern Europe, the average Internet user generated 12.4 Gigabytes per month in 2016, up 13% from 10.9 Gigabytes per month in 2015.
- In the rest of Central and Eastern Europe, the average Internet household generated 35.6 Gigabytes per month in 2016, up 14% from 31.3 Gigabytes per month in 2015.
- In the rest of Central and Eastern Europe, Internet video traffic grew 40%, and is now 69% of all consumer Internet traffic.
- In the rest of Central and Eastern Europe, there were 1 million Internet households (2.0% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 820,610 in 2015.
- In the rest of Central and Eastern Europe, there were 602,799 Internet households (1.1% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 121,545 in 2015.