



Spain - 2016 Year in Review

IP Traffic

- In Spain, IP traffic reached 1.1 Exabytes per month in 2016, up from 930 Petabytes per month in 2015.
- Spain's IP traffic grew 18% in 2016.
- Spain's IP networks carried 36 Petabytes per day in 2016, up from 31 Petabytes per day in 2015.
- In Spain, IP traffic reached an annual run rate of 13.1 Exabytes in 2016, up from an annual run rate of 11.2 Exabytes in 2015.
- Spain's IP traffic in 2016 was equivalent to 3 billion DVDs per year, 274 million DVDs per month, or 375,153 DVDs per hour.
- In Spain, IP traffic reached 23.8 Gigabytes per capita in 2016, up from 20.2 Gigabytes per capita in 2015.
- In Spain, average IP traffic reached 3 Tbps in 2016, and busy hour traffic was 15 Tbps.
- Last year, the gigabyte equivalent all movies ever made crossed Spain's IP networks every 5 hours.
- Spanish IP traffic in 2016 was equivalent to (n/a)x the volume of Spanish IP traffic in 2005.

Internet Traffic

- In Spain, average Internet traffic grew 17% in 2016.
- In Spain, peak Internet traffic grew 36% in 2016.
- In Spain, Internet traffic reached 930 Petabytes per month in 2016, up from 798 Petabytes per month in 2015.
- Spain's Internet traffic was 30 Petabytes per day in 2016, up from 26 Petabytes per day in 2015.
- Spain's Internet traffic in 2016 was equivalent to 3 billion DVDs per year, 233 million DVDs per month, or 318,532 DVDs per hour.

- In 2016, the gigabyte equivalent of all movies ever made crossed the Internet every 6 hours.
- Spanish Internet traffic in 2016 was equivalent to (n/a)x the volume of the entire Spanish Internet in 2005.
- In Spain, Internet traffic reached 20.2 Gigabytes per capita in 2016, up from 17.3 Gigabytes per capita in 2015.
- In Spain, average Internet traffic reached 3 Tbps in 2016.
- In Spain, busy hour Internet traffic reached 13 Tbps in 2016.

Wi-Fi Traffic

- Spain's Fixed/Wi-Fi IP traffic grew 15% in 2016.

Wired Traffic

- Spain's Fixed/Wired IP traffic grew 18% in 2016.

Mobile Traffic

- Spain's mobile data traffic grew 59% in 2016.

Video Traffic

- In Spain, IP video was 64% of all IP traffic in 2016, up from 57% in 2015.
- In Spain, Internet video traffic was 60% of all consumer Internet traffic in 2016, up from 54% in 2015.
- In Spain, 38 billion minutes of video content crossed the Internet each month in 2016, up from 36 billion in 2015.
- In Spain, 38 billion minutes (72,928 years) of video content crossed the Internet each month in 2016. That's 14,586 minutes of video streamed or downloaded every second.

Devices

- In Spain, there were 195.5 million networked devices in 2016, up from 174.3 million in 2015.
- In Spain, there were 4.2 networked devices per capita in 2016, up from 3.8 per capita in 2015.

Broadband Speed Evolution

- In Spain, the average fixed broadband speed grew 77% from 2015 to 2016, from 21.2 Mbps to 37.6 Mbps.
- In Spain, 82% of broadband connections were faster than 5 Mbps in 2016.
- In Spain, 64% of broadband connections will be faster than 10 Mbps in 2016.

Traffic per User and Household

- In Spain, the average Internet user generated 99.9 Gigabytes per month in 2016, up 5% from 95.5 Gigabytes per month in 2015.
- In Spain, the average Internet household generated 233.9 Gigabytes per month in 2016, up 5% from 223.4 Gigabytes per month in 2015.
- In Spain, Internet video traffic grew 32%, and is now 75% of all consumer Internet traffic.
- In Spain, there were 568,797 Internet households (19.4% of all Internet households) generating more than 250 Gigabytes per month in 2016, up from 440,167 in 2015.
- In Spain, there were 113,759 Internet households (3.9% of all Internet households) generating more than 500 Gigabytes per month in 2016, up from 110,042 in 2015.