



## Mexico - 2020 Forecast Highlights

### IP Traffic

- In Mexico, IP traffic will grow 2-fold from 2015 to 2020, a compound annual growth rate of 20%.
- In Mexico, IP traffic will reach 2.4 Exabytes per month in 2020, up from 957 Petabytes per month in 2015.
- Mexico's IP networks will carry 78 Petabytes per day in 2020, up from 31 Petabytes per day in 2015.
- In Mexico, IP traffic will reach an annual run rate of 28.6 Exabytes in 2020, up from an annual run rate of 11.5 Exabytes in 2015.
- In Mexico, IP traffic will reach 18 Gigabytes per capita in 2020, up from 8 Gigabytes per capita in 2015.
- In Mexico, average IP traffic will reach 7 Tbps in 2020, and busy hour traffic will reach 38 Tbps.
- In 2020, the gigabyte equivalent of all movies ever made will cross Mexico's IP networks every 2 hours.

### Internet Traffic

- In Mexico, Internet traffic will grow 2.3-fold from 2015 to 2020, a compound annual growth rate of 18%.
- In Mexico, busy hour Internet traffic will grow 3.7-fold from 2015 to 2020, a compound annual growth rate of 30%.
- In Mexico, Internet traffic will reach 1.8 Exabytes per month in 2020, up from 799 Petabytes per month in 2015.
- Mexico's Internet traffic will be 59 Petabytes per day in 2020, up from 30 Petabytes per day in 2015.
- Mexico's Internet traffic in 2020 will be equivalent to 5 billion DVDs per year, 450 million DVDs per month, or 616,787 DVDs per hour.
- In 2020, the gigabyte equivalent of all movies ever made will cross the Internet every 3 hours.

- Mexican Internet traffic in 2020 will be equivalent to 336x the volume of the entire Mexican Internet in 2005.
- In Mexico, Internet traffic will reach 13 Gigabytes per capita in 2020, up from 6 Gigabytes per capita in 2015.
- In Mexico, average Internet traffic will increase 2.3-fold by 2020 and will reach 5 Tbps.
- In Mexico, busy hour Internet traffic will increase 3.7-fold by 2020 and will reach 28 Tbps.

### Wired Wi-Fi and Mobile Growth

- Mexico's Fixed/Wi-Fi was 55% of total IP traffic in 2015, and will be 48% of total IP traffic in 2020.
- Mexico's Fixed/Wired was 41% of total IP traffic in 2015, and will be 38% of total IP traffic in 2020.
- Mexico's Mobile was 4% of total IP traffic in 2015, and will be 14% of total IP traffic in 2020.
- Mexico's Fixed/Wi-Fi was 64.2% of total Internet traffic in 2015, and will be 63.1% of total Internet traffic in 2020.
- Mexico's Fixed/Wired was 31% of total Internet traffic in 2015, and will be 19% of total Internet traffic in 2020.
- Mexico's Mobile was 5.1% of total Internet traffic in 2015, and will be 18.0% of total Internet traffic in 2020.

### IP Video

- In Mexico, IP video traffic will grow 3-fold from 2015 to 2020, a compound annual growth rate of 25%.
- In Mexico, IP video traffic will reach 2.0 Exabytes per month in 2020, up from 679 Petabytes per month in 2015.
- In Mexico, IP video will be 86% of all IP traffic in 2020, up from 71% in 2015.
- In Mexico, Ultra HD will be 5.8% of IP Video traffic in 2020, up from 0.3% in 2015 (123.6% CAGR).
- In Mexico, HD will be 53.2% of IP Video traffic in 2020, up from 30.1% in 2015 (39.6% CAGR).
- In Mexico, SD will be 41.0% of IP Video traffic in 2020, compared to 69.6% in 2015 (12.1% CAGR).
- In Mexico, consumer IP video traffic will be 88% of consumer IP traffic in 2020, up from 75% in 2015.
- In Mexico, business IP video traffic will be 68% of business IP traffic in 2020, up from 46% in 2015.

### Internet Video

- In Mexico, Internet video traffic will grow 3-fold from 2015 to 2020, a compound annual growth rate of 22%.
- In Mexico, Internet video traffic will reach 1.5 Exabytes per month in 2020, up from 534 Petabytes per month in 2015.
- In Mexico, total Internet video traffic (business and consumer, combined) will be 81% of all Internet traffic in 2020, up from 67% in 2015.
- In Mexico, Ultra HD will be 6.1% of Internet video traffic in 2020, up from 0.4% in 2015 (116.0% CAGR).
- In Mexico, HD will be 57.6% of Internet video traffic in 2020, up from 31.3% in 2015 (38.3% CAGR).
- In Mexico, SD will be 36.3% of Internet video traffic in 2020, compared to 68.3% in 2015 (7.8% CAGR).
- In Mexico, consumer Internet video traffic will be 84% of consumer Internet traffic in 2020, up from 70% in 2015.
- In Mexico, business Internet video traffic will be 68% of business Internet traffic in 2020, up from 47% in 2015.

- In Mexico, Internet-Video-to-TV traffic will be 17% of fixed consumer Internet video traffic in 2020, up from 6% in 2015.
- In Mexico, Internet-Video-to-TV traffic will increase 7-fold between 2015 and 2020 (47.3% CAGR).
- In Mexico, 29 billion minutes (55,499 years) of video content will cross the Internet each month in 2020. That's 11,100 minutes of video streamed or downloaded every second.
- In Mexico, 48% of all Internet video traffic will cross content delivery networks in 2020, up from 33% in 2015.
- In Mexico, 42% of all Internet traffic will cross content delivery networks in 2020, up from 24% in 2015.

### IP VOD

- In Mexico, Ultra HD will be 5.2% of IP VOD traffic in 2020, up from 0.2% in 2015 (166.4% CAGR).
- In Mexico, HD will be 43.0% of IP VOD traffic in 2020, up from 27.3% in 2015 (45.2% CAGR).
- In Mexico, SD will be 51.8% of IP VOD traffic in 2020, compared to 72.5% in 2015 (23.9% CAGR).

### Gaming

- In Mexico, Internet gaming traffic will grow 5-fold from 2015 to 2020, a compound annual growth rate of 39%.
- In Mexico, Internet gaming traffic will reach 1.5 Exabytes per month in 2020, up from 534 Petabytes per month in 2015.
- In Mexico, Internet gaming traffic will be 5% of consumer Internet traffic in 2020, up from 2% in 2015.

### Mobile

- In Mexico, mobile data traffic will grow 8-fold from 2015 to 2020, a compound annual growth rate of 51%.
- In Mexico, mobile data traffic will reach 324 Petabytes per month in 2020, up from 41 Petabytes per month in 2015.
- Mexican mobile data traffic will grow 3 times faster than Mexican fixed IP traffic from 2015 to 2020.
- Mexico's Mobile was 4% of total IP traffic in 2015, and will be 14% of total IP traffic in 2020.
- In Mexico, mobile data traffic in 2020 will be equivalent to 46x the volume of the entire Mexican Internet in 2005.

### Devices

- In Mexico, there will be 368.5 million networked devices in 2020, up from 225.5 million in 2015.
- In Mexico, there will be 2.7 networked devices per capita in 2020, up from 1.8 per capita in 2015.
- In Mexico, 43% of all networked devices will be mobile-connected in 2020.
- In Mexico, M2M modules will account for 35% (127.8 million) of all networked devices in 2020, compared to 22% (50.3 million) in 2015, (20.5% CAGR).
- In Mexico, PCs will account for 7% (26.8 million) of all networked devices in 2020, compared to 15% (33.7 million) in 2015, (-4.5% CAGR).
- In Mexico, Tablets will account for 3% (12.4 million) of all networked devices in 2020, compared to 4% (8.0 million) in 2015, (9.4% CAGR).

- In Mexico, Smartphones will account for 22% (80.7 million) of all networked devices in 2020, compared to 20% (44.4 million) in 2015, (12.7% CAGR).
- In Mexico, Connected TVs will account for 20% (74.5 million) of all networked devices in 2020, compared to 12% (26.7 million) in 2015, (22.7% CAGR).
- In Mexico, Non-Smartphones will account for 8.8% (32.6 million) of all networked devices in 2020, compared to 24% (54.4 million) in 2015, (-9.7% CAGR).
- In Mexico, Other Portables will account for 4% (13.8 million) of all networked devices in 2020, compared to 4% (8.0 million) in 2015, (11.5% CAGR).
- In Mexico, 4K TVs will account for 26% (8.6 million) of all flat panel TVs in 2020, compared to 5.4% (330,978) in 2015, (92% CAGR).
- Mexico's IP traffic from non-PC devices was 27% of total IP traffic in 2015, and will be 67% of total IP traffic in 2020.
- In Mexico, PCs accounted for 73% of IP traffic in 2015, and will be 33% of IP traffic in 2020.
- In Mexico, TVs accounted for 17% of IP traffic in 2015, and will be 30% of IP traffic in 2020.
- In Mexico, Smartphones accounted for 7% of IP traffic in 2015, and will be 25% of IP traffic in 2020.
- In Mexico, Tablets accounted for 3% of IP traffic in 2015, and will be 8% of IP traffic in 2020.
- In Mexico, M2M modules accounted for 0.7% of IP traffic in 2015, and will be 2.5% of IP traffic in 2020.
- In Mexico, PCs accounted for 84% of consumer Internet traffic in 2015, and will be 43% of consumer Internet traffic in 2020.
- In Mexico, TVs accounted for 3% of consumer Internet traffic in 2015, and will be 11% of consumer Internet traffic in 2020.
- In Mexico, TVs accounted for 3% of total Internet traffic in 2015, and will be 9% of total Internet traffic in 2020.

### Speed Evolution

- In Mexico, the average fixed broadband speed will grow 3.0-fold from 2015 to 2020, from 8.0 Mbps to 23.6 Mbps.
- In Mexico, 77% of fixed broadband connections will be faster than 5 Mbps in 2020, up from 50% today.
- In Mexico, 45% of fixed broadband connections will be faster than 10 Mbps in 2020, up from 28% today.
- In Mexico, 15.1% of fixed broadband connections will be faster than 25 Mbps in 2020, up from 11.9% today.
- In Mexico, 13.3% of fixed broadband connections will be faster than 50 Mbps in 2020, up from 7.8% today.
- In Mexico, the average Wi-Fi speeds from mobile devices will grow 2.4-fold from 2015 to 2020, from 5.7 Mbps to 14 Mbps.
- In Mexico, the average mobile connection speed will grow 4-fold from 2015 to 2020, reaching 4 Mbps in 2020.

### Traffic per User and Household

- In Mexico, the average Internet user will generate 19.4 gigabytes of Internet traffic per month in 2020, up 56% from 12.5 gigabytes per month in 2015, a CAGR of 9%.
- In Mexico, the average Internet household will generate 63.9 gigabytes of Internet traffic per month in 2020, up 52% from 42.1 gigabytes per month in 2015, a CAGR of 9%.

- In Mexico, the average FTTx Internet household will generate 134.9 gigabytes of Internet traffic per month in 2020, 137.3% more than other broadband households.
- In Mexico, the average FTTx Internet household generated 116.3 gigabytes of Internet traffic per month in 2015, 178.8% more than other broadband households.
- In Mexico, there will be 949,153 Internet households (5.0% of all Internet households) generating more than 250 gigabytes per month in 2020.
- In Mexico, there will be 189,831 households (1.0% of all Internet households) generating more than 500 gigabytes per month in 2020.
- In Mexico, there will be 189,831 households (1.0% of all Internet households) generating more than a terabyte per month in 2020.
- In Mexico, the average mobile connection will generate 2,460 megabytes of mobile data traffic per month in 2020, up from 385 megabytes in 2015.